Feedback Analysis

Name of the Lecturer: Dr.ShahedaAkthar
Programme: II B.Voc(Software Development)
Sem: III
**Academic Year: 2023-2024**
Title: Python

Observations:

1. 61.5% students felt that the course content improves the learning benefits scale range is between 81-100%. (Ex: knowledge, concepts, skills, Logical thinking and critical thinking skills. Remaining 38.5 % students felt that the course content improves the learning benefits scale range is between 61-80%.

The course content increasing the learning benefits(Ex: Knowledge, concept, skills, logical thinking and critical thinking skills)

13 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
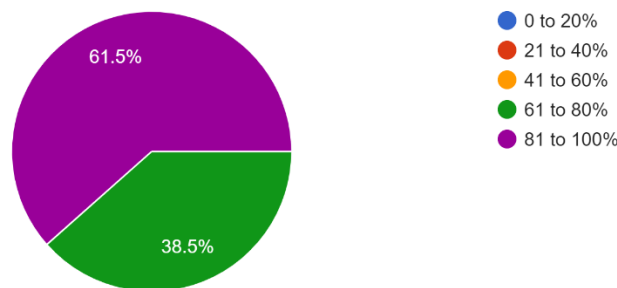
2. 69.3% students asked "Datatypes, Functions, methods, loops, operators, Strings" must be added to the syllabus and remaining 30.8% students felt no need to add any topic in the syllabus when they were asked about "the topic that you think must be added to the syllabus of this course/paper".

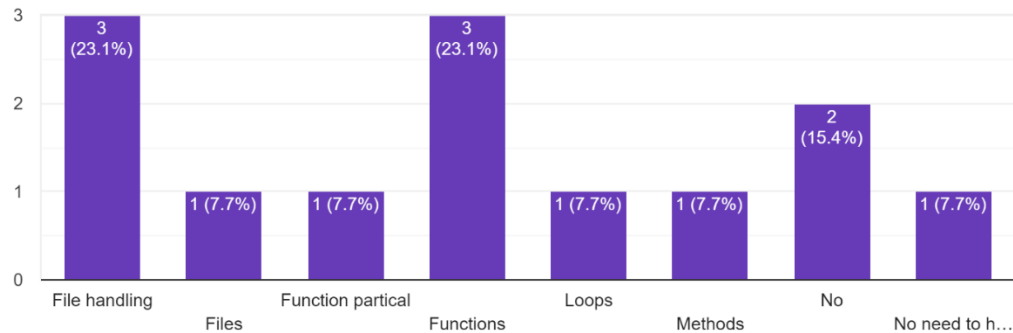Write the name of the topic that you think must be added to the syllabus of this course/ paper

13 responses
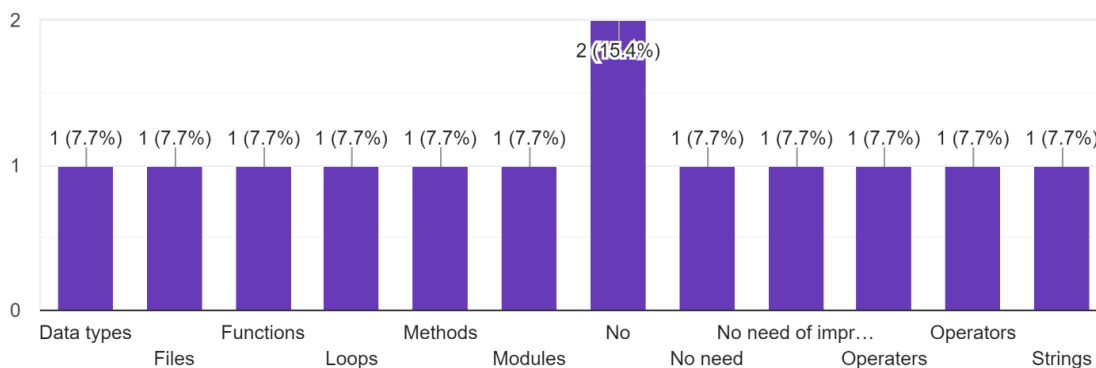
3. **76.4% students felt difficult to understand the topics like File handling, functions, loops and Methods" but they have not suggested any type of additional help required. while remaining 23.1% students didn't felt any difficult to understand the topic.**

If any topic difficult to understand give the name of the topic and write what additional help you need with the topic.
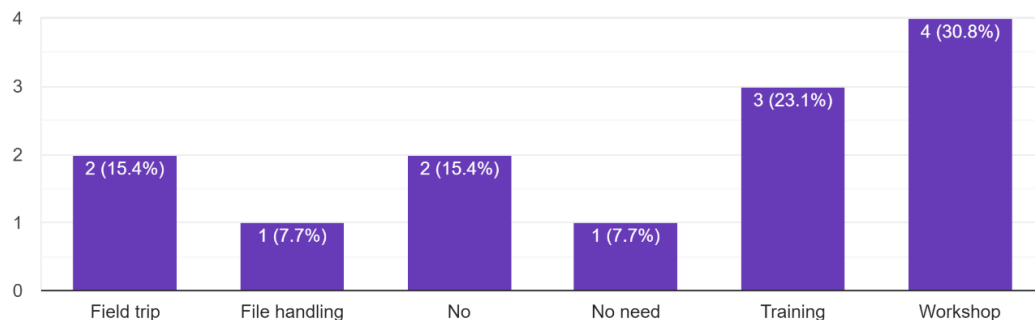
13 responses

Category	Count
File handling	3 (23.1%)
Files	1 (7.7%)
Function partical	1 (7.7%)
Functions	3 (23.1%)
Loops	1 (7.7%)
Methods	1 (7.7%)
No	2 (15.4%)
No need to h…	1 (7.7%)

4. **23.1% students asked for field trip, 23.1% students asked for training , 30.8% students asked for Workshop while remaining 23.1% students felt no need any co-curricular activity to be added to understand the course better.**

Do you want any other co-curricular activity(Ex: workshop/training/field trip) to be added to understand the course better.
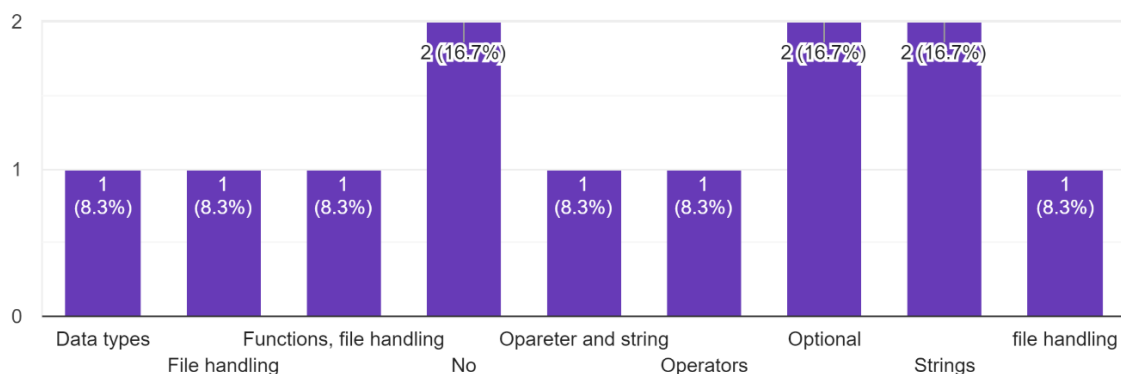
13 responses

Category	Count
Field trip	2 (15.4%)
File handling	1 (7.7%)
No	2 (15.4%)
No need	1 (7.7%)
Training	3 (23.1%)
Workshop	4 (30.8%)

5. **66.5% students felt that they need practical experience for the topics "file handling, functions and Operators" remaining 33.4% students felt no extra practical experience is needed for them to do better.**

Name any topic that needs practical experience for you to do better(optional)

12 responses

| Category	Count
Data types	1 (8.3%)
File handling	1 (8.3%)
Functions, file handling	1 (8.3%)
No	2 (16.7%)
Opareter and string	1 (8.3%)
Operators	1 (8.3%)
Optional	2 (16.7%)
Strings	2 (16.7%)
file handling	1 (8.3%)

6. **69.2% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 81-100%. Remaining 30.8% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 61-80%.**

Course outcomes were announced and explained at the beginning of the course help in a better learning of the course content

13 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

69.2%

30.8%
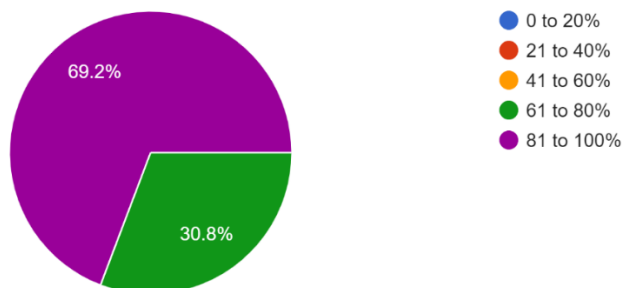
7. **61.5% students acquire demonstrate and understanding of Python features, functions and data types in a scale range between 81-100%.Remaining 38.5 students felt understanding of Python features, functions and data types in a scale range between 61-80%.**

Demonstrate the knowledge understanding of Python features, functions and data types.

13 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

61.5%

38.5%
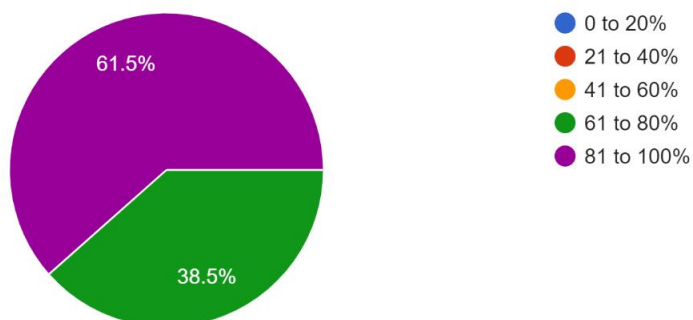
8. **53.8% students are proficient on designing pf Python concepts scale range is between 81-100%. 46.2 % students felt that the course content on designing of Python concepts improves the learning benefits scale range is between 61-80%.**

Applications and designing of Python concepts.

13 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

53.8%

46.2%
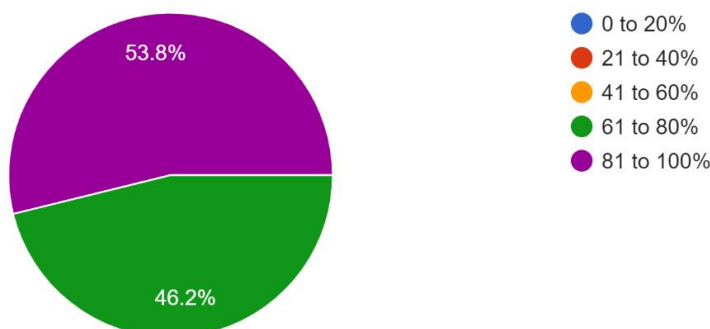
9. 69.2% students are able to understand File handling concepts with the learning benefits scale range is between 81-100%. 30.8% students felt that the course content (File handling concepts) improves the learning benefits scale range is between 61-80%.

Able to Understand File handling concepts..

13 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%
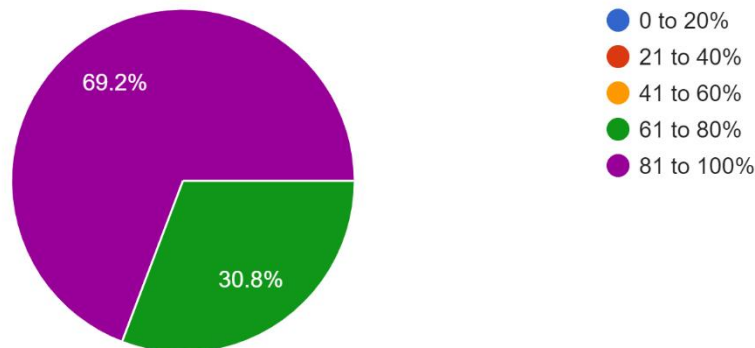
10. All the students felt that all the units except functions helped them for enhancing the learning experience on Python Programming"

Overall what aspects of the course "Python Programming" do you think could be improved and do you have any additional comments/ suggestions for enhancing the learning experience.

13 responses
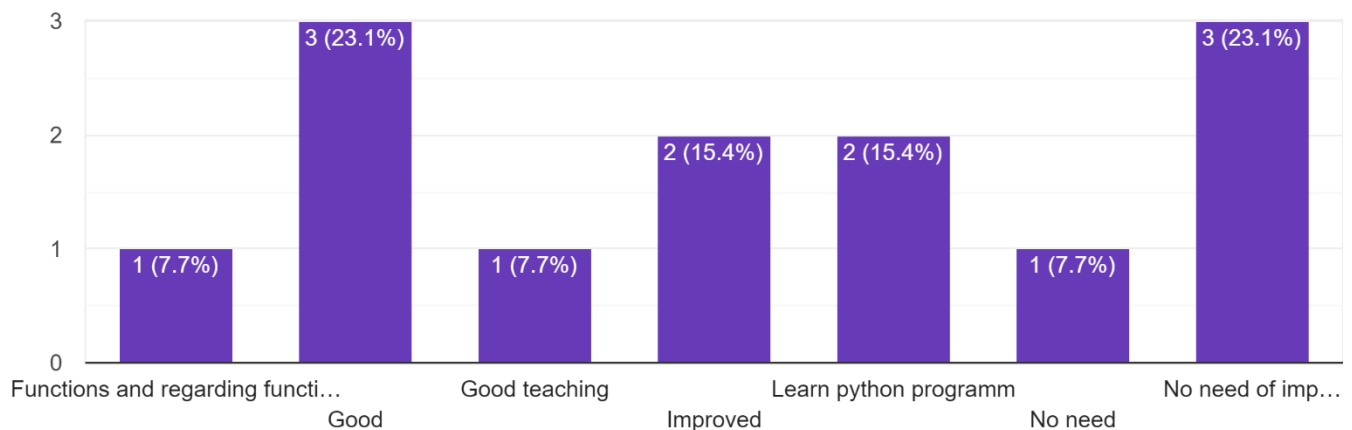
Recommendations on Analysis:

Observation	Recommendation
Some of the students are expressed that the topics like File handling, Functions, Loops are difficult.	Need to insert some more example for practice on those topics to familiarize.
Some of the students are recommended the workshops, field trips and training programmes to get hands on experience.	Need to involve the students in live Projects to get the job oriented skills and required to organise fieldtrips to know the Industry requirements.
Majority students are satisfied with overall subject content.	Latest updates in the subject need to introduce to the students.

Name of the Lecturer: Dr.ShahedaAkthar
Programme: III B.Sc(DataScience)
Sem: V
Academic Year: 2023-2024
Title: Supervised Machine Learning

Observations:

1. **54.5% students felt that the course content improves the learning benefits scale range is between 81-100%. (Ex: knowledge, concepts, skills, Logical thinking and critical thinking skills. 27.3 % students felt that the course content improves the learning benefits scale range is between 61-80%. 9.1 % students felt that the course content improves the learning benefits scale range is between 41-60%. Remaining 9.1 % students felt that the course content improves the learning benefits scale range is between 21-40%.**

The course content increasing the learning benefits(Ex: Knowledge, concept, skills, logical thinking and critical thinking skills)

22 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
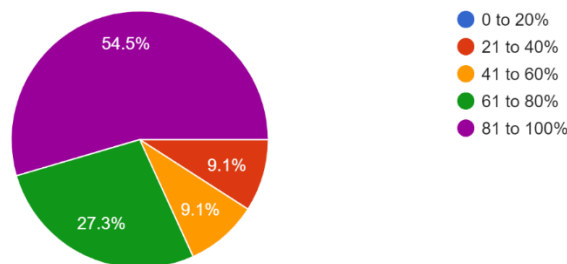
2. **58.6% students asked ", Artificial Intelligence, clustering, Deeplearning, Random forest" must be added to the syllabus and remaining 41.4% students felt no need to add any topic in the syllabus when they were asked about "the topic that you think must be added to the syllabus of this course/paper".**

Write the name of the topic that you think must be added to the syllabus of this course/ paper

22 responses
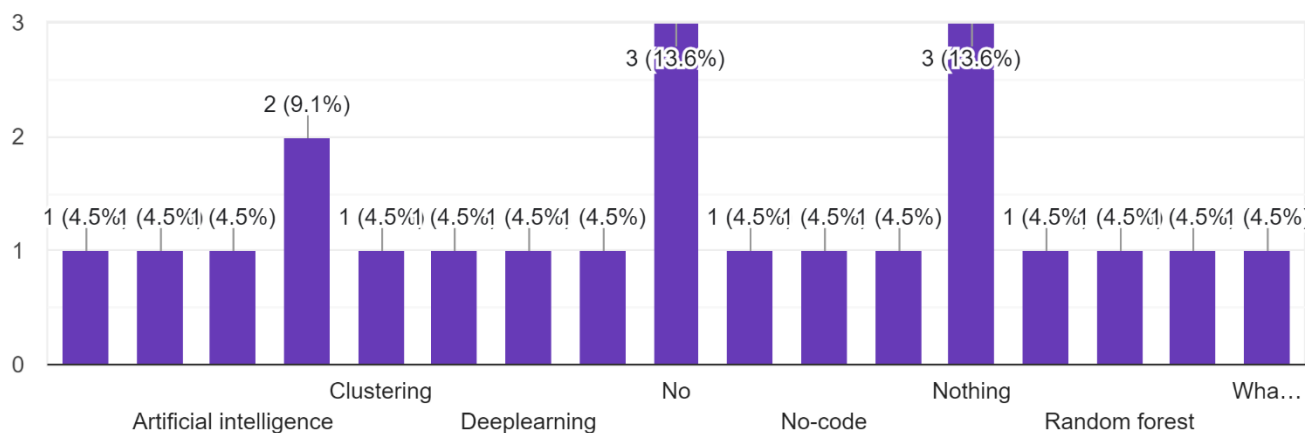
3. **95.5% students felt difficult to understand the topics like "Beays theory, Guassian mixture method, neural networks, regression,logistic regression" but they have not suggested any type of additional help required. while remaining 4.5% students didn't felt any difficult to understand the topic.**

If any topic difficult to understand give the name of the topic and write what additional help you need with the topic.
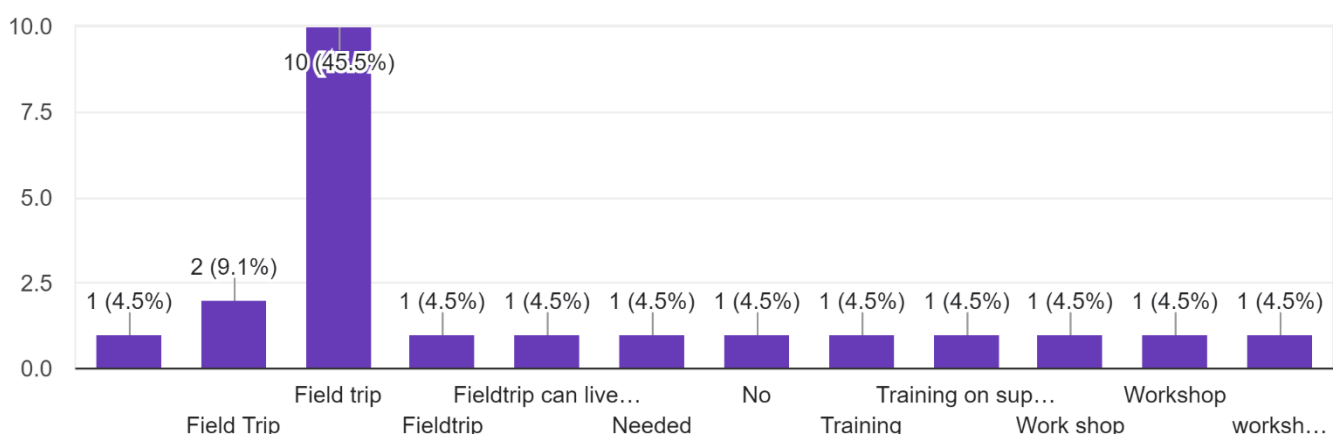
22 responses
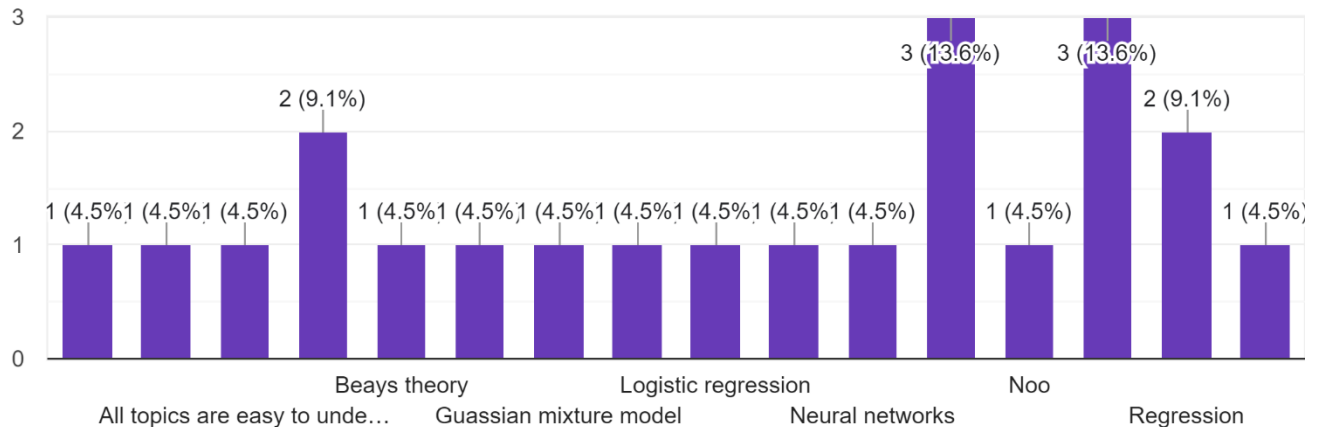
4. **68.1% students asked for field trip, 9% students asked for training , 13.5% students asked for Workshop while remaining 9% students felt no need any co-curricular activity to be added to understand the course better.**

Do you want any other co-curricular activity(Ex: workshop/training/field trip) to be added to understand the course better.
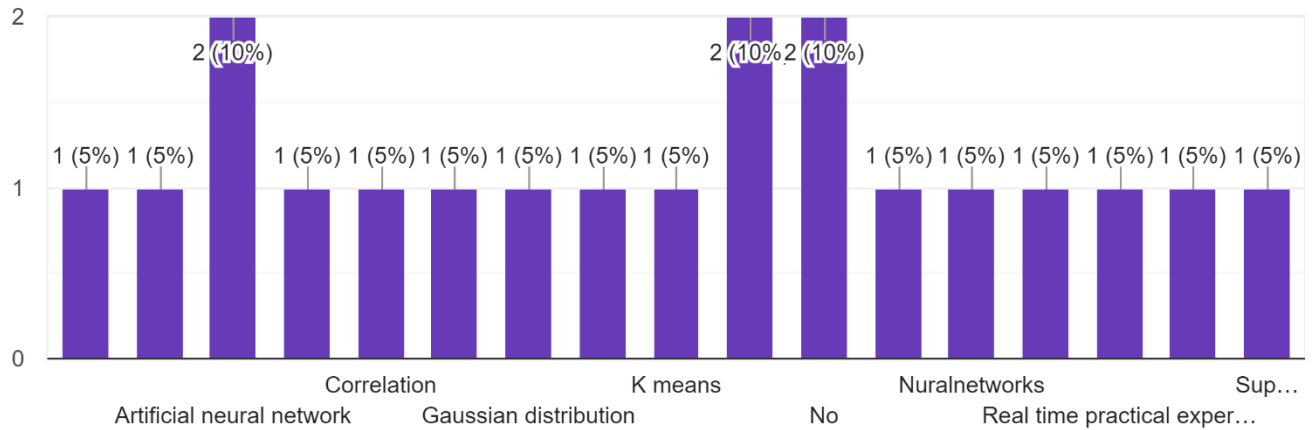
22 responses

5. 90% students felt that they need practical experience for the topics "Artificial neural network, correlation, Gaussian distribution, k means" remaining 10% students felt no extra practical experience is needed for them to do better.

Name any topic that needs practical experience for you to do better(optional)

20 responses

6. 59.1% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 81-100%. 27.3% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 61-80%. Remaining 13.6% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 41-60%.

Course outcomes were announced and explained at the beginning of the course help in a better learning of the course content

22 responses
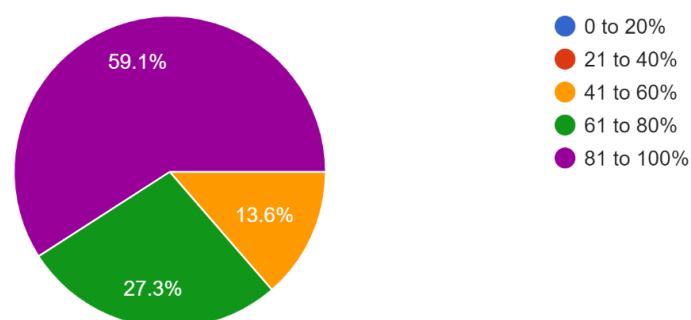
7. **54.5% students acquire demonstrate the knowledge understanding of Supervised techniques like regression, classification, multilinear regression in a scale range between 81-100%. 31.8% students acquire demonstrate the knowledge understanding of Supervised techniques like regression, classification, multilinear regression in a scale range between 61-80%.9.1% students acquire demonstrate the knowledge understanding of Supervised techniques like regression, classification, multilinear regression in a scale range between 41-60%. remaining 4.5% students acquire demonstrate the knowledge understanding of Supervised techniques like regression, classification, multilinear regression in a scale range between 21-40%.**

Demonstrate the knowledge understanding of Supervised techniques like regression, classification, multilinear regression.

22 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
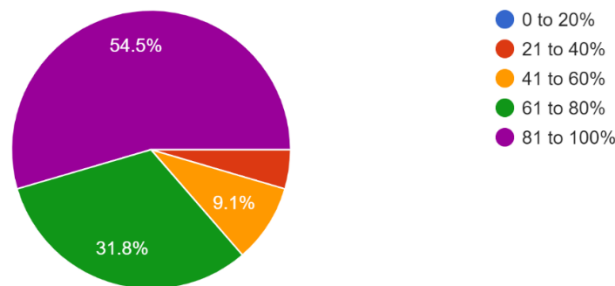
8. **31.8% students are proficient on designing of neural network system concepts scale range is between 81-100%. 50% students felt that the course content on designing of neural network system concepts improves the learning benefits scale range is between 61-80%. Remaining 18.2% students are proficient on designing of neural network system concepts scale range is between 41-60%.**

Applications and designing a neural network system in supervised machine learning.

22 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
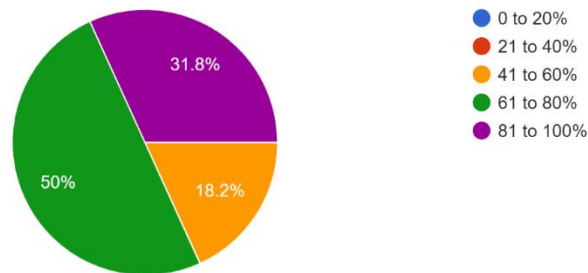
9. **50% students are able to create or design a decision tree in supervised learning with the learning benefits scale range is between 81-100%. 36.4% students are able to create or design a decision tree in supervised learning with the learning benefits scale range is between 61-80%. Remaining 13.6% students are able to create or design a decision tree in supervised learning with the scale range between 41-60%.**

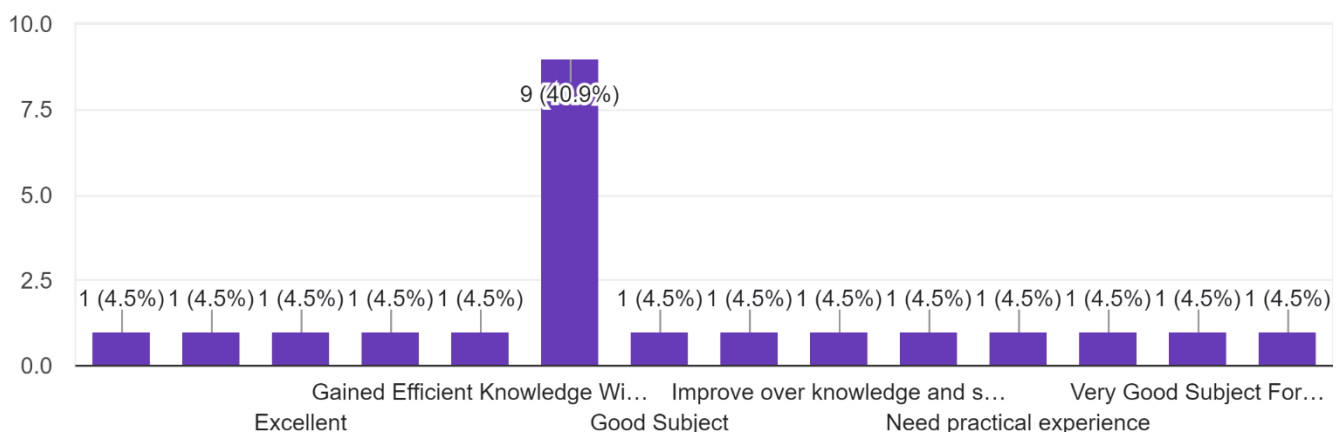Able to create or design a decision tree in supervised learning.
22 responses
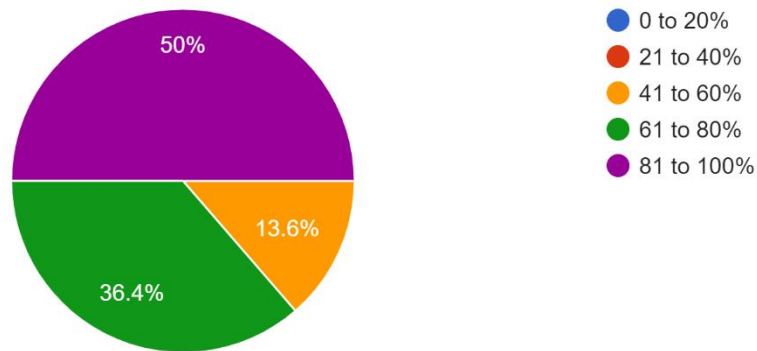
- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%

50%

13.6%

36.4%

10. All the students felt that all the units helped them for enhancing the learning experience on Supervised Machine Learning".

Overall what aspects of the course "Supervised Machine learning" do you think could be improved and do you have any additional comments/ suggestions for enhancing the learning experience.
22 responses

| | Gained Efficient Knowledge Wi... | Improve over knowledge and s... | Very Good Subject For... |
| Excellent | Good Subject | Need practical experience | |

9 (40.9%)
1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%) 1 (4.5%)

Recommendations on Analysis:

Observation	Recommendation
Some of the students are expressed that the topics like Beays theory, logistic regression, Guassian mixture model, neural networks, regression are difficult.	Need to insert some more example for practice on those topics to familiarize.
Some of the students are recommended the workshops, field trips and training programmes to get hands on experience.	Need to involve the students in live Projects to get the job oriented skills and required to organise fieldtrips to know the Industry requirements.
Majority students are satisfied with overall subject content.	Latest updates in the subject need to introduce to the students.

Feedback Analysis

Name of the Lecturer: Dr.ShahedaAkthar
Programme: III B.Sc(DataScience)
**Sem: V**
Academic Year: 2023-2024
Title: UnSupervised Machine Learning

Observations:

1. **60.9% students felt that the course content improves the learning benefits scale range is between 81-100%. (Ex: knowledge, concepts, skills, Logical thinking and critical thinking skills. 26.1 % students felt that the course content improves the learning benefits scale range is between 61-80%. Remaining 13 % students felt that the course content improves the learning benefits scale range is between 41-60%.**

The course content increasing the learning benefits(Ex: Knowledge, concept, skills, logical thinking and critical thinking skills)

23 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
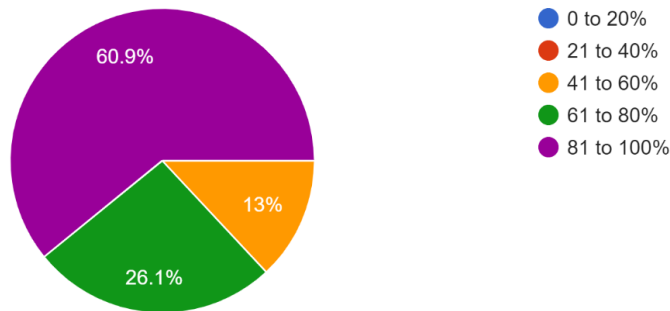
2. **82.1% students asked "Clustering Automations, Market segmentation, Deep learning, Python and Ai " must be added to the syllabus and remaining 17.3% students felt no need to add any topic in the syllabus when they were asked about "the topic that you think must be added to the syllabus of this course/paper".**

Write the name of the topic that you think must be added to the syllabus of this course/ paper

23 responses
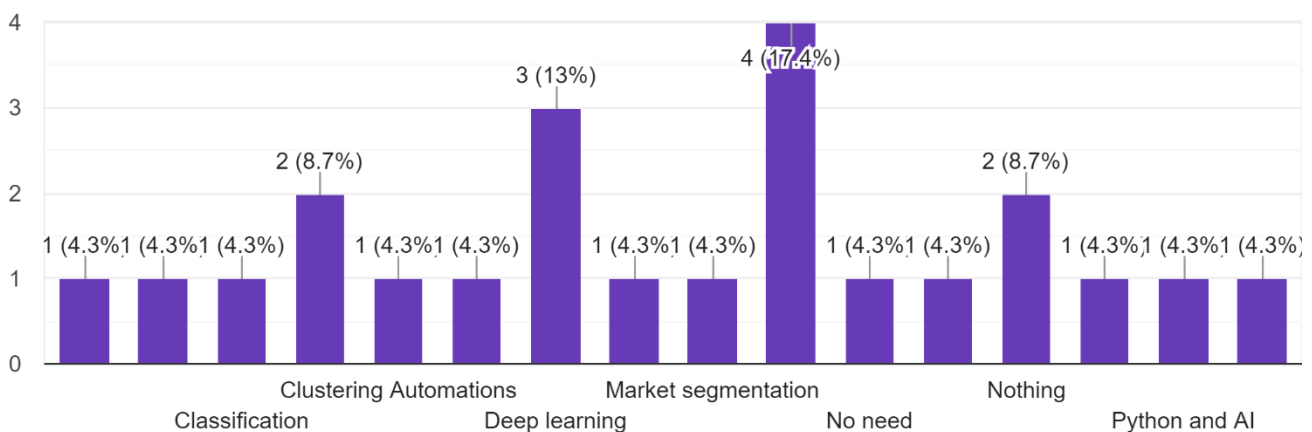
3. **73.3% students felt difficult to understand the topics like "Association rule, Gaussian mixture, K means, neural networks" but they have not suggested any type of additional help required. while remaining 21.7% students didn't felt any difficult to understand the topic.**

If any topic difficult to understand give the name of the topic and write what additional help you need with the topic.
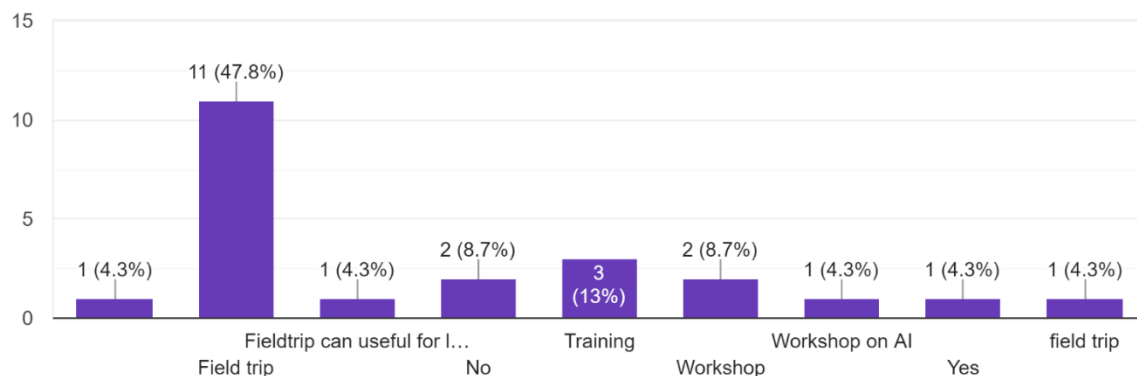
23 responses
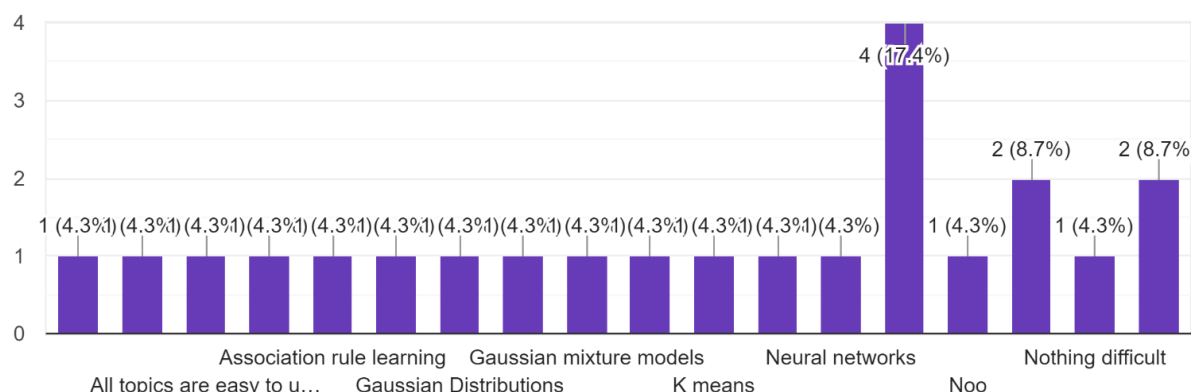
4. **65% students asked for field trip, 3% students asked for training , 13% students asked for Workshop while remaining 8.7% students felt no need any co-curricular activity to be added to understand the course better.**

Do you want any other co-curricular activity(Ex: workshop/training/field trip) to be added to understand the course better.

23 responses

5. **90% students felt that they need practical experience for the topics "Association rule, Hierarichal clustering, clustering and gaussian distribution, neural networks, support vector, types of regression". remaining 4.3% students felt no extra practical experience is needed for them to do better.**

Name any topic that needs practical experience for you to do better(optional)

23 responses
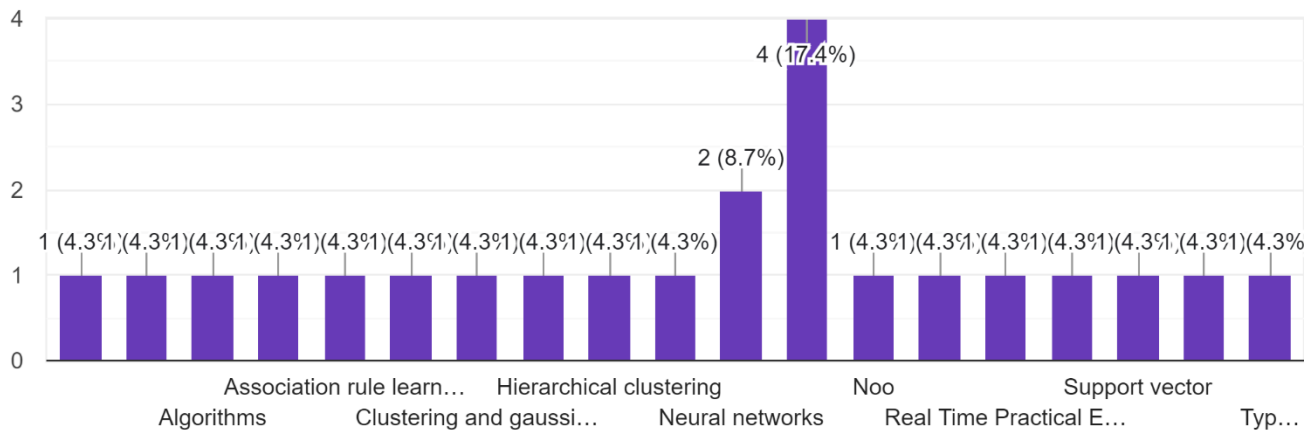
6. **47.8% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 81-100%. 39.1% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 61-80%. 8.7% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 41-60%. Remaining 4.3% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 21-40%%.**

Course outcomes were announced and explained at the beginning of the course help in a better learning of the course content

23 responses
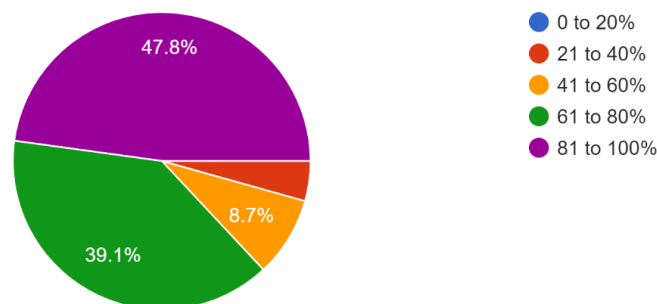
7. **43.5% students acquire demonstrate the knowledge understanding of Unsupervised techniques like Clustering, association rules, Gussian distributions in a scale range between 81-100%. 39.1% students acquire demonstrate the knowledge understanding of Unsupervised techniques like Clustering, association rules, Gussian distributions in a scale range between 61-80%.13% students acquire demonstrate the knowledge understanding of Unsupervised techniques like Clustering, association rules, Gussian distributions n a scale range between 41-60%. remaining 4.3% students acquire demonstrate the knowledge understanding of Unsupervised techniques like Clustering, association rules, Gussian distributions in a scale range between 21-40%.**

Demonstrate the knowledge understanding of Unsupervised techniques like Clustering, association rules, Gussian distributions.

23 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

43.5%

39.1%

13%
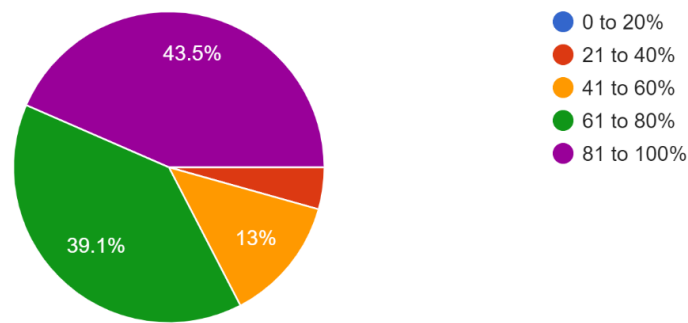
8. **43.5% students are proficient on designing of K-means clustering and hierarchal clustering concepts in Unsupervised learning of scale range is between 81-100%. 43.5% students are proficient on designing of K-means clustering and hierarchal clustering concepts in Unsupervised learning of scale range is between 61-80%. Remaining 8.7% students are proficient on designing of K-means clustering and hierarchal clustering concepts in Unsupervised learning of scale range is between 41-60%.4.3% students are proficient on designing of K-means clustering and hierarchal clustering concepts in Unsupervised learning of scale range is between 21-40%.**

Applications and designing a K-means clustering and hierarchical clustering in Unsupervised machine learning.

23 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

43.5%

43.5%

8.7%
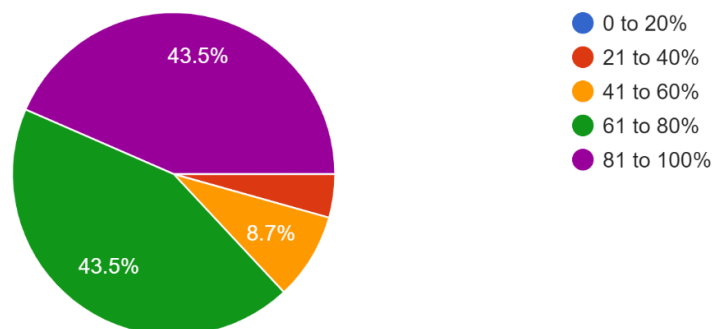
9. **47.8% students are able to create or design a frequent pattern tree in unsupervised learning with the learning benefits scale range is between 81-100%. 34.8% students are able to create or design a frequent pattern tree in unsupervised learning with the learning benefits scale range is between 61-80%. 13% students are able to create or design a frequent pattern tree in unsupervised learning with the learning benefits scale range is between 41-60%. Remaining 4.3% students are able to create or design a frequent pattern tree in unsupervised learning with the learning benefits scale range is between 21-40%.**

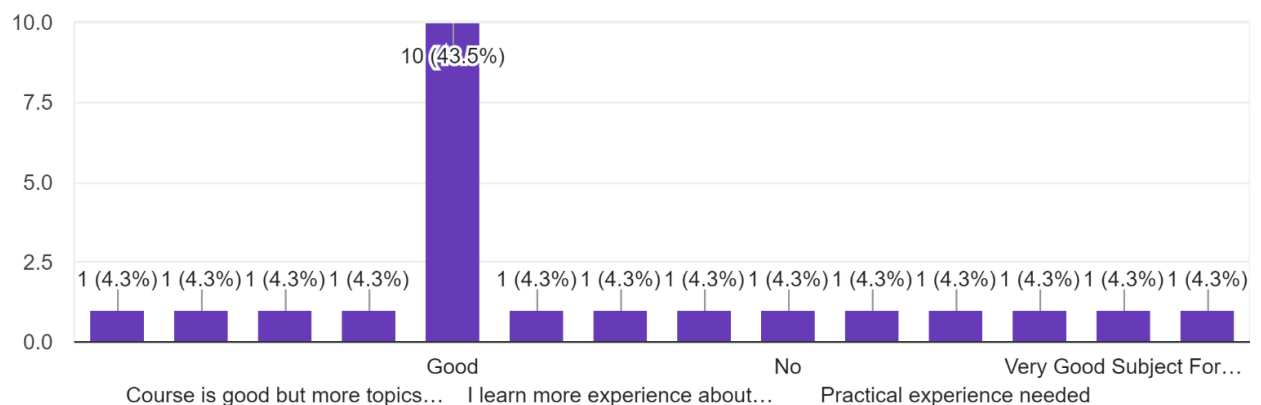Able to create or design a frequent pattern tree in unsupervised learning.

23 responses
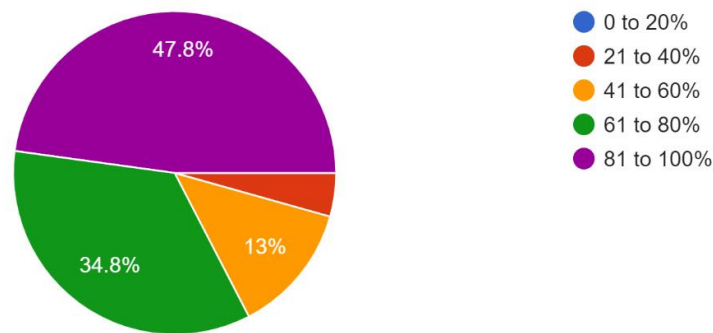
- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

47.8%
34.8%
13%

10. All the students felt that all the units helped them for enhancing the learning experience on UnSupervised Machine Learning", while one asked for more practical experience.

Overall what aspects of the course "Unsupervised Machine learning" do you think could be improved and do you have any additional comments/ suggestions for enhancing the learning experience.

23 responses

10 (43.5%)

1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%)   1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%) 1 (4.3%)

Course is good but more topics…   Good   I learn more experience about…   No   Practical experience needed   Very Good Subject For…

Recommendations on Analysis:

Observation	Recommendation
Some of the students are expressed that the topics like Association rule learning, Gaussian mixture, Neural networks, Gaussian distribution are difficult.	**Need to insert some more example for practice on those topics to familiarize.**
Some of the students are recommended the workshops, field trips and training Programmes to get hands on experience.	**Need to involve the students in live Projects to get the job oriented skills and required to organise fieldtrips to know the Industry requirements.**
Majority students are satisfied with overall subject content.	**Latest updates in the subject need to introduce to the students.**

<p style="text-align: center;">**<u>Feedback Analysis</u>**</p>

Name of the Lecturer: Dr.ShahedaAkthar
Programme: III B.Voc(Software Development)
**Sem: V**
Academic Year: 2023-2024
Title: Devops

Observations:

1.   42.1% students felt that the course content improves the learning benefits scale range is between 81-100%. (Ex: knowledge, concepts, skills, Logical thinking and critical thinking skills. 36.5 % students felt that the course content improves the learning benefits scale range is between 61-80%. Remaining 15.8% students felt that the course content improves the learning benefits scale range is between 41-60%.

The course content increasing the learning benefits(Ex: Knowledge, concept, skills, logical thinking and critical thinking skills)

19 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
- Column 1
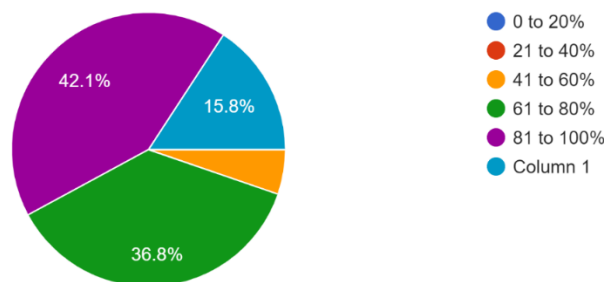
2.   15.9% students asked "Agile methodology & CI/CD" must be added to the syllabus and remaining 84.1% students felt no need to add any topic in the syllabus when they were asked about "the topic that you think must be added to the syllabus of this course/paper".

Write the name of the topic that you think must be added to the syllabus of this course/ paper

13 responses
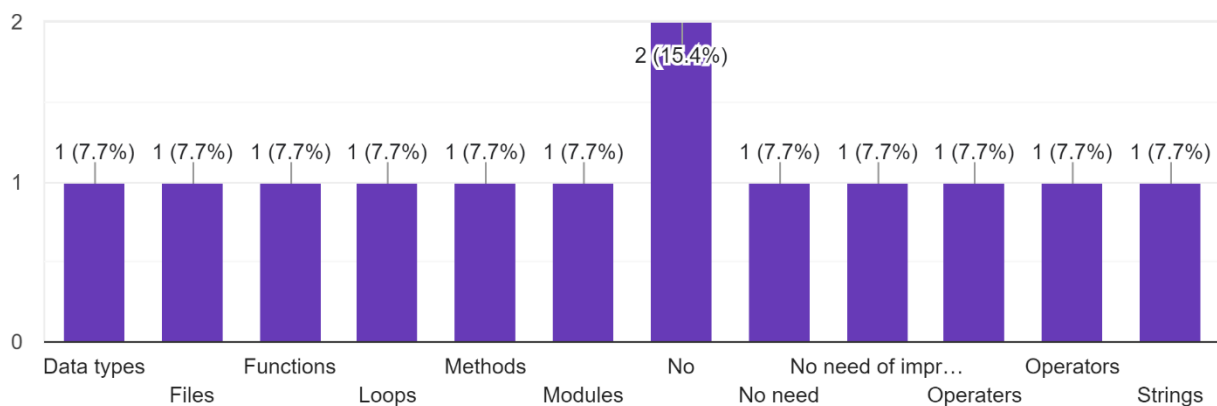
3. **52.7% students felt difficult to understand the topics like "CI/CD, Pipeline" but they have not suggested any type of additional help required. while remaining 47.3% students didn't felt any difficult to understand the topic.**

If any topic difficult to understand give the name of the topic and write what additional help you need with the topic.
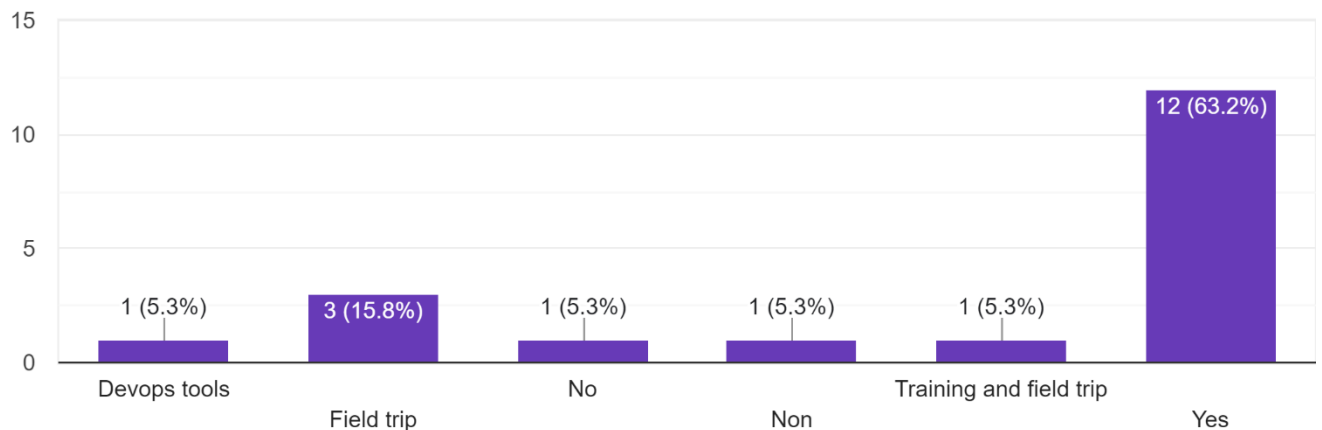
19 responses
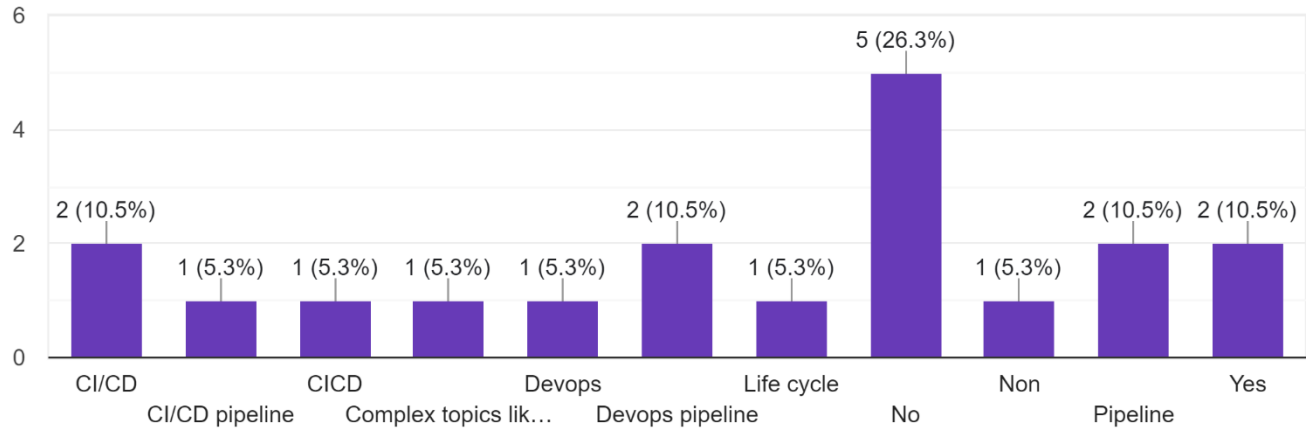
4. **All the students asked for field trip while one asked for training workshop.**

Do you want any other co-curricular activity(Ex: workshop/training/field trip) to be added to understand the course better.
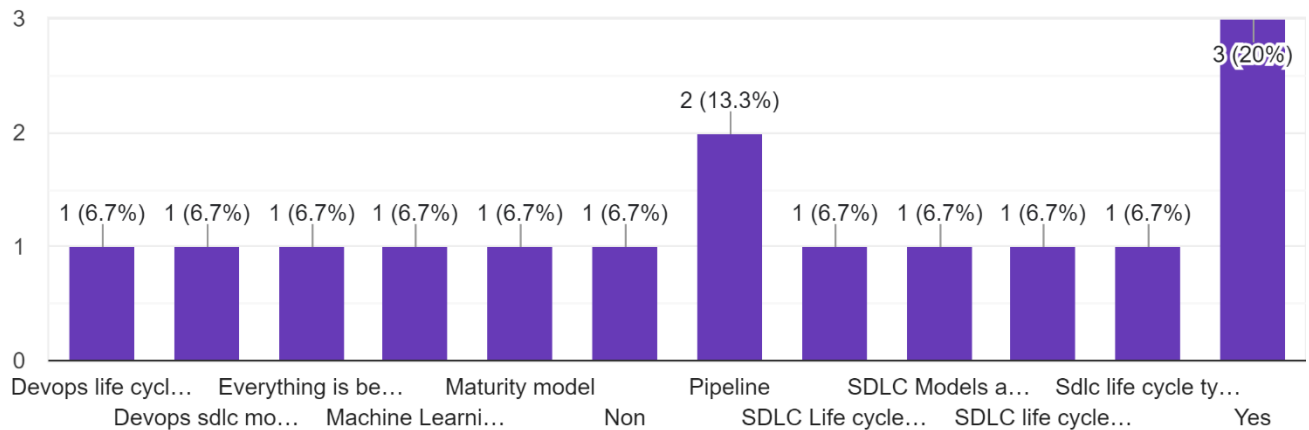
19 responses

5. **All the students felt that they need practical experience for the topics " Devops life cycle, SDLC model, Maturity model" is needed for them to do better.**

Name any topic that needs practical experience for you to do better(optional)

15 responses

6. **47.4% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 81-100%. Remaining 47.4% students expressed that the course outcomes announced and explained at the beginning of the course helps in a better learning of the course content is in the scale range of 61-80%.**

Course outcomes were announced and explained at the beginning of the course help in a better learning of the course content

19 responses

- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%
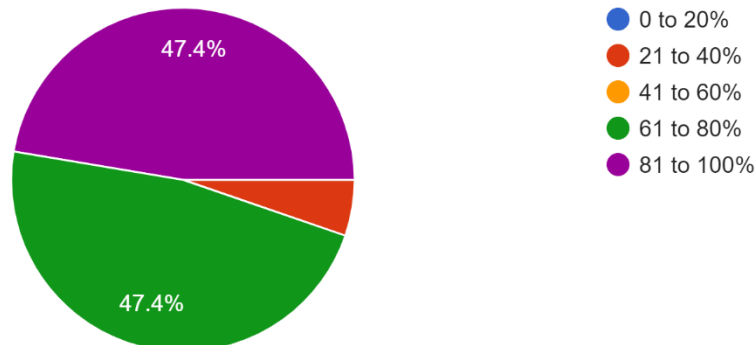
7. **63.2% students acquire demonstrate and understanding of "SDLC model, Agile manefesto and Devops maturity model " in a scale range between 81-100%. 21.1% students felt understanding of "SDLC model, Agile manefesto and Devops maturity model" in a scale range between 61-80%. Remaining 15.8% students felt understanding "SDLC model, Agile manefesto and Devops maturity model " in a scale range between 41-60%.**

Demonstrate the knowledge understanding of SDLC model, Agile manefesto, Devops maturity model.

19 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

63.2%

15.8%

21.1%
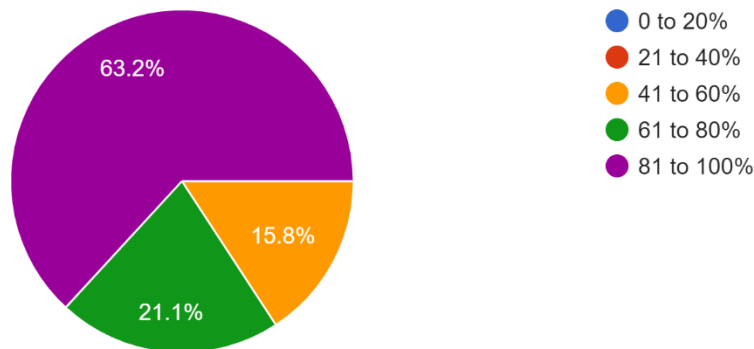
8. **42.1% students are proficient on applications and designing architecture, workflow, automation tools of Devops concepts scale range is between 81-100%. 47.4% students are proficient on applications and designing architecture, workflow, automation tools of Devops concepts scale range is between 61-80%. Remaining 10.5% students are proficient on applications and designing architecture, workflow, automation tools of Devops concepts scale range is between 41-60%.**

Applications and designing architecture, workflow , automation tools of Devops.

19 responses

- ● 0 to 20%
- ● 21 to 40%
- ● 41 to 60%
- ● 61 to 80%
- ● 81 to 100%

42.1%

10.5%

47.4%
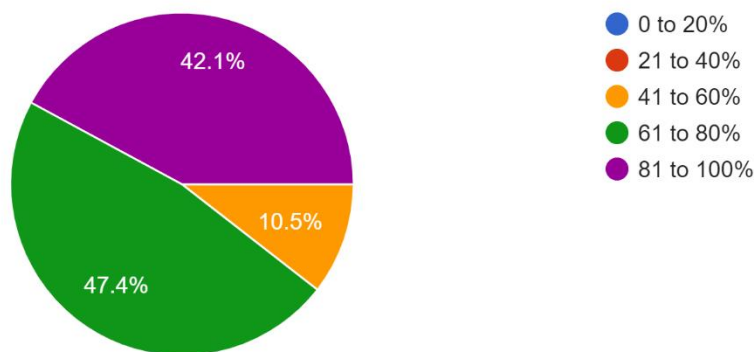
9. **36.8% students are able to create or design a Devops pipe line, life cycle concepts with the learning benefits scale range is between 81-100%. 5\7.9% students felt that the course content (create or design a Devops pipe line, life cycle concepts) improves the learning benefits scale range is between 61-80%.**

Able to create or design a Devops pipe line, life cycle.

19 responses
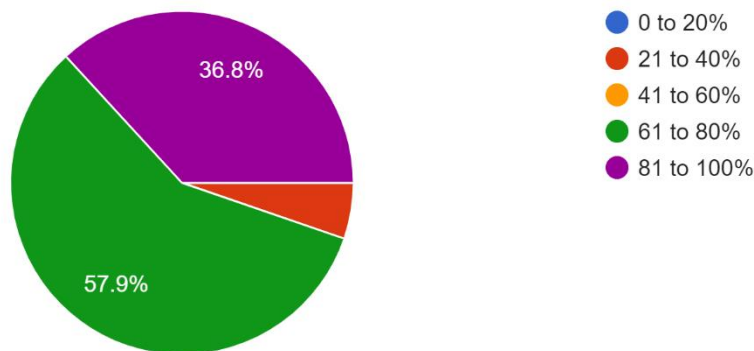
- 0 to 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 100%

36.8%

57.9%

10. All the students felt that all the units helped them for enhancing the learning experience on Devops Programming"

Overall what aspects of the course "Devops" do you think could be improved and do you have any additional comments/ suggestions for enhancing the learning experience.

19 responses
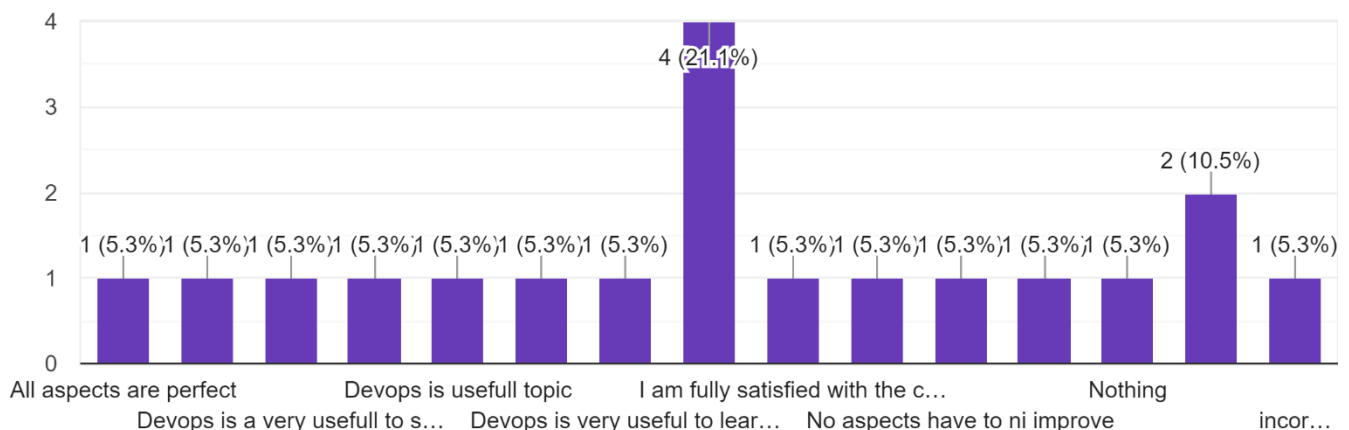
Recommendations on Analysis:

Observation	Recommendation
Some of the students are expressed that the topics like CI/CD, Pipeline are difficult.	Need to insert some more example for practice on those topics to familiarize.
Some of the students are recommended the workshops, field trips and training programmes to get hands on experience.	Need to involve the students in live Projects to get the job oriented skills and required to organise fieldtrips to know the Industry requirements.
Majority students are satisfied with overall subject content.	Latest updates in the subject need to introduce to the students.