FAT EXAMINATION 2022-23

MACHINE LEARNING LABORATORY

1.Perform Exploratory data analysis and classify for a given iris flower classification using SVM and KNN also compute confusion matrix , accuracy, precision analyze which method gives better accuracy.

Link:

https://drive.google.com/file/d/1iyI1NVJUNxv1rrjmZoflEBEmzFSJhD04/view?usp=drive_link

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2. Perform Exploratory data analysis for a given dataset also use Multiple Linear Regression to estimate the Mileage per gallon (MPG) using Auto-MPG dataset also use more than one feature and find minimum possible error

Auto-MPG

Link:

https://drive.google.com/file/d/1U7WPzADkM0osCysPsoSE1Xn4W1Aafmd/view?usp=drive_link

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3. Perform Exploratory data analysis and classify for a given patient likely to have heart disease prediction or not using decision tree and random forest classification techniques and compute confusion matrix , accuracy, precision also analyze which method gives better accuracy.

HEART

Link:

https://drive.google.com/file/d/1NEDuGfUsWQLCDqroCOBpIIPtaYChdM62/view?usp=drive_link

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4. Perform Exploratory data analysis and classify for a given student whether get placement or not using placement dataset using SVM and KNN classification

PLACEMENT

LINK:

https://drive.google.com/file/d/1SmzgjHjvKBKXFSRuRi5LFcNIpIAEAeh1/view?usp=drive_link

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5. Perform Exploratory data analysis for a given dataset also use Multiple Linear Regression to estimate the CO2 emission using fuel dataset also use more than one feature and find minimum possible error

FUEL

link

https://drive.google.com/file/d/1F_KrCpxMoSqwKwaLM5dO6L_aTmBPaAQB/view?usp=sharing

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6. Perform Exploratory data analysis and classify for a given iris flower classification using decision tree and random forest also compute confusion matrix , accuracy, precision analyze which method gives better accuracy.

Link:

https://drive.google.com/file/d/1iyI1NVJUNxv1rrjmZoflEBEmzFSJhD04/view?usp=drive_link

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7. Perform Exploratory data analysis for a given dataset also use simple Linear Regression to estimate the Mileage per gallon (MPG) using Auto-MPG dataset also use individual feature find for which feature it gives minimum possible error

Auto-MPG

Link:

https://drive.google.com/file/d/1U7WPzADkM0osCysPsoSE1Xn4W1Aafmd/view?usp=drive_link

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8. Perform Exploratory data analysis and classify for a given iris flower classification using ANN also compute confusion matrix , accuracy,

Link:

https://drive.google.com/file/d/1iyI1NVJUNxv1rrjmZoflEBEmzFSJhD04/view?usp=drive_link

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9. Perform Exploratory data analysis and classify for a given patient likely to have heart disease prediction or not using SVM and KNN classification techniques and compute confusion matrix , accuracy, precision also analyze which method gives better accuracy.

HEART

Link:

https://drive.google.com/file/d/1NEDuGfUsWQLCDqroCOBpIIPtaYChdM62/view?usp=drive_link

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10. Perform Exploratory data analysis and classify for a given student whether student get placement or not using given placement dataset using DECISION TREE and KNN

PLACEMENT

LINK:

https://drive.google.com/file/d/1SmzgjHjvKBKXFSRuRi5LFcNIpIAEAeh1/view?usp=drive_link

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