Machine Intelligence Classifier Model (Flow Diagram of the Process)

Loading data

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Import Libraries

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Data Cleaning

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Check and rectifying data types of features

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Encoding categorical features

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Removing festures which aren't influencing the classification

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Defining target and dependent feature and performing test train split

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Training ML model

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Printing accuracy matrices for different models trained

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Choosing the model with best accuracy

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Using this model to visualize the ML process using XAI techniques/models

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Visualizing the results from XAI model, and Feature Importance