ML_Workflow_Diagram

| Start |
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| \downarrow |
| Load Dataset (.xlsx) |
| \downarrow |
| Explore Data (EDA: distributions, outliers) |
| \downarrow |
| Preprocess Data (handle missing, scale features) |
| \downarrow |
| Split into Train/Test sets |
| \downarrow |
| Train Models (Logistic Regression, Random Forest) |
| \downarrow |
| Evaluate (F1, ROC-AUC, Confusion Matrix) |
| \downarrow |
| Visualize (ROC Curve, Feature Importance) |
| \downarrow |
| Interpret Results & Make Recommendations |
| \downarrow |
| End |