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1 D:\Project\intelligent\.venv\Scripts\python.exe D:\Project\intelligent\regression_mlflow.py
2 === Step 1: Prerequisites ===
3 [] Data Loaded | Train: (344080, 34), Test: (60720, 34)
4 2025/11/02 19:15:29 INFO mlflow.tracking.fluent:
Experiment with name 'EMI_Amount_Regression' does not
exist. Creating a new experiment.
5
6 [] Training LinearRegression...
7 LinearRegression: MAE=0.35, RMSE=0.47, R2=0.7792
8 2025/11/02 19:15:30 WARNING mlflow.models.model:
`artifact_path` is deprecated. Please use `name`
instead.
9 2025/11/02 19:15:39 WARNING mlflow.models.model:
Model logged without a signature and input example.
Please set `input_example` parameter when logging the
model to auto infer the model signature.
10
11 [] Training DecisionTreeRegressor...
12 DecisionTreeRegressor: MAE=0.17, RMSE=0.31, R2=0.9067
13 2025/11/02 19:15:51 WARNING mlflow.models.model:
`artifact_path` is deprecated. Please use `name`
instead.
14 2025/11/02 19:15:56 WARNING mlflow.models.model:
Model logged without a signature and input example.
Please set `input_example` parameter when logging the
model to auto infer the model signature.
15
16 [] Training RandomForestRegressor...
17 RandomForestRegressor: MAE=0.11, RMSE=0.19, R2=0.9626
18 2025/11/02 21:31:10 WARNING mlflow.models.model:
`artifact_path` is deprecated. Please use `name`
instead.
19 2025/11/02 21:34:43 WARNING mlflow.models.model:
Model logged without a signature and input example.
Please set `input_example` parameter when logging the
model to auto infer the model signature.
20
21 [] Training GradientBoostingRegressor...
22 GradientBoostingRegressor: MAE=0.21, RMSE=0.29, R2=0.
```

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22 9163
23 2025/11/02 21:43:13 WARNING mlflow.models.model:
    artifact_path` is deprecated. Please use `name``
    instead.
24 2025/11/02 21:43:27 WARNING mlflow.models.model:
    Model logged without a signature and input example.
    Please set `input_example` parameter when logging the
    model to auto infer the model signature.
25
26 ┌ Training XGBoostRegressor...
27 XGBoostRegressor: MAE=0.11, RMSE=0.17, R2=0.9695
28 2025/11/02 21:43:46 WARNING mlflow.models.model:
    artifact_path` is deprecated. Please use `name``
    instead.
29 2025/11/02 21:43:55 WARNING mlflow.models.model:
    Model logged without a signature and input example.
    Please set `input_example` parameter when logging the
    model to auto infer the model signature.
30 ┌ All regression models logged successfully! View
    results in MLflow UI.
31
32 Process finished with exit code 0
33
```