

DataLoader



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graph TD; A[DataLoader] --> B[Query Traffic Data]; B --> C[Preprocess Data]; C --> D[Train-Test Split]; D --> E[Fit ARIMA Model]; E --> F[Forecast Test Data]; F --> G[Evaluate and Plot];
```

The diagram is a vertical flowchart illustrating the steps of an ARIMA model workflow. It begins with a rectangular box labeled 'DataLoader'. An arrow points down to a gray rectangular box labeled 'Query Traffic Data'. From there, an arrow points down to a rounded rectangular box labeled 'Preprocess Data'. This is followed by another arrow pointing down to a rounded rectangular box labeled 'Train-Test Split'. The next step is a rounded rectangular box labeled 'Fit ARIMA Model', connected by a downward arrow. This is followed by a rounded rectangular box labeled 'Forecast Test Data', also connected by a downward arrow. The final step is a rounded rectangular box labeled 'Evaluate and Plot', connected by a downward arrow. All boxes have a dark blue border and a light gray shadow.

Query Traffic Data

Preprocess Data

Train-Test Split

Fit ARIMA Model

Forecast Test Data

Evaluate and Plot