**Developer Documentation**

**Overview**  
This project involves traffic flow prediction at different junctions using deep learning models. The workflow focuses on data preprocessing, feature-target transformations, and implementing advanced predictive models to analyze time-series traffic data. The development environment is set up in Google Colab with Python 3.12.0, leveraging Google Drive for data access and storage.

**Tools & Technologies**

* **Programming Language**: Python (3.12.0)
* **Development Environment**: Google Colab
* **Data Storage**: Google Drive for dataset handling and storage
* **Libraries**:
  + Data Processing: pandas, numpy
  + Modeling: tensorflow, keras
  + Evaluation & Visualization: matplotlib, scikit-learn, seaborn