

Final Project Proposal

Idea Title

Traffic Prediction & Urban Mobility Analysis

Team Members

- Abdulrahman Salama (Team Leader)
- Mohamed Alaa
- Menna Mahmoud
- Basant Osama
- Hayam Mostasfe Ghoneem

Task Distribution

Task	Responsible Members
Data Preprocessing & Cleaning	Basant Osama, Menna Mahmoud
Exploratory Data Analysis (EDA)	Basant Osama, Mohamed Alaa
Supervised Machine Learning (Regression / Classification)	Abdulrahman Salama, Hayam Mostasfe
Unsupervised Machine Learning (Clustering + Dimensionality Reduction)	Mohamed Alaa, Hayam Mostasfe
Deep Learning (DNN + Specialized Architecture)	Abdulrahman Salama, Menna Mahmoud
Streamlit Deployment (Dashboard + Integration)	Abdulrahman Salama, Basant Osama

Time plan

