**📊 15. Results and Output – TrafficTelligence**

**✅ Model Evaluation Results**

After training the Random Forest Regressor on the preprocessed dataset:

| **Metric** | **Result** |
| --- | --- |
| **R² Score** | 0.84 (approx.) |
| **Mean Squared Error (MSE)** | ~120,534 |
| **Prediction Time** | Under 1 second |

These metrics indicate a **high-performing model** for traffic volume estimation.

**🖼️ Screenshots of Output (UI + Code + Results)**

