

# Project Requirements Document: Metro Interstate Highway Infrastructure Study

**BI Analyst:** Melissa Slawsky, BI Professional

**Client/Sponsor:** Metro Interstate

**Purpose:** Airbnb Athens maintains an online platform that facilitates rentals between individual travelers and hosts. The goal is to understand the current market for Athens Airbnb rentals. The insights could then inform new rental opportunities in underserved markets.

**Key dependencies:**

**Stakeholders:**

Alex P. Rodriguez, Vice President of Operations  
Mathew A. Smith, Program Manager

**Team members:**

Arman Tirado, Data Warehousing Specialist  
Cornelia Vegas, Manager, Data Governance  
Sam Waters, Data Analyst

**Stakeholder requirements:**

- R: Must include fields for traffic volume, time, weather conditions, and holiday
- D: Should show fluctuations of traffic volume over time
- D: Should show patterns of traffic volume by weather conditions
- D: Should show patterns of traffic volume by holiday

### **Success criteria:**

Project will be completed in 4 weeks.

Dashboard will be fully functional for the team to view insights into traffic volume with temporary considerations, weather conditions, and holidays

**User journeys:** No information listed, ask follow-up question

**Assumptions:** No information listed, ask follow-up question

**Compliance and privacy:** No information listed, ask follow-up question

**Accessibility:** Dashboard must be accessible. Must have large print and text-to-speech alternatives. **Ask follow-up questions for more context**

**Roll-out plan:** Tool must be created in 4 weeks!

Week 1: Dataset assigned. Initial design for fields and UserIDs validated to fit the requirements.

Week 2: SQL and ETL development

Week 3: Finalize SQL. Dashboard design. 1st draft review with peers.

Week 4: Dashboard development and testing