



California Ag & Migrant Worker Local Area Unemployment Rate Analysis

Capstone Project: Josh Ruggles



Business Problem

- High need for skilled trade workers
- Less education = Higher Unemployment Rate

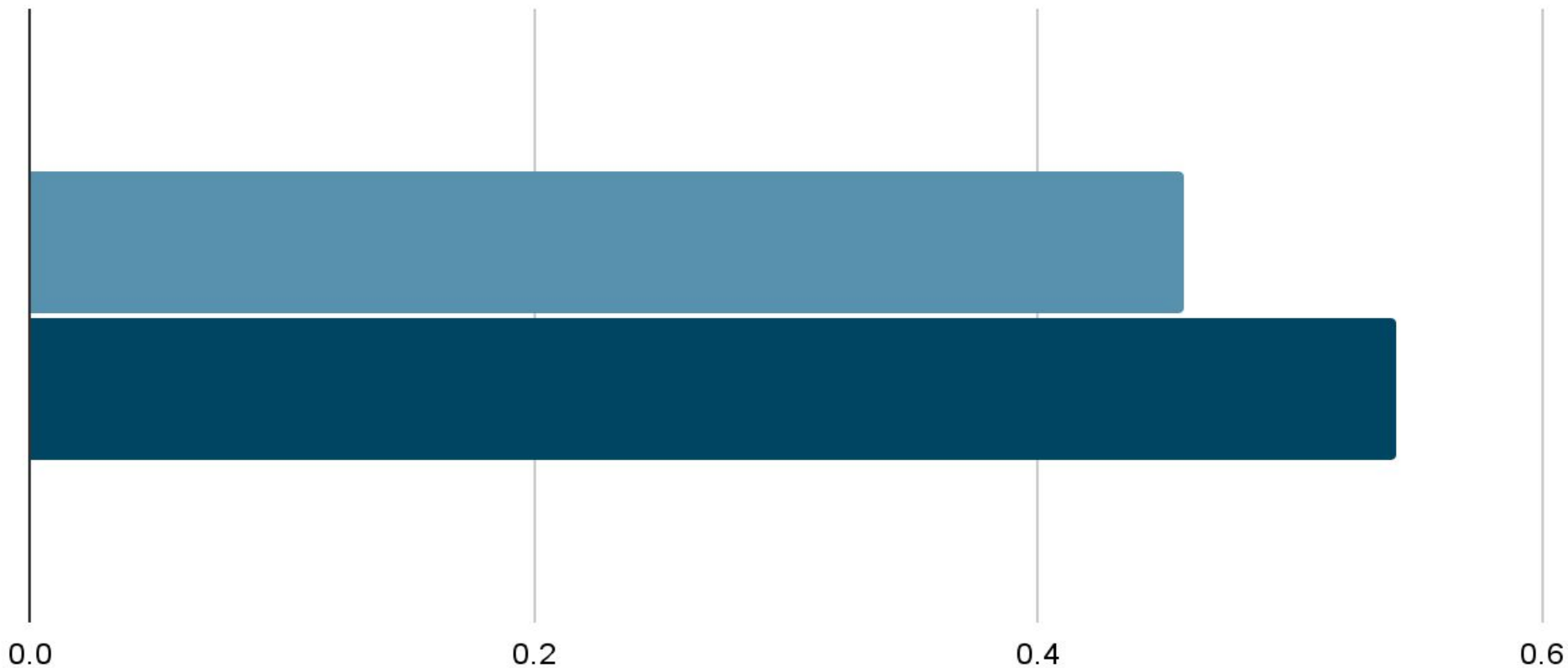


Candidates & Rationale

- Ag/Migrant workers: highly skilled
- Limited educational opportunities

Feature Importance: Education and Rate of Unemployment

■ High School Grad ■ 4 Year College Degree

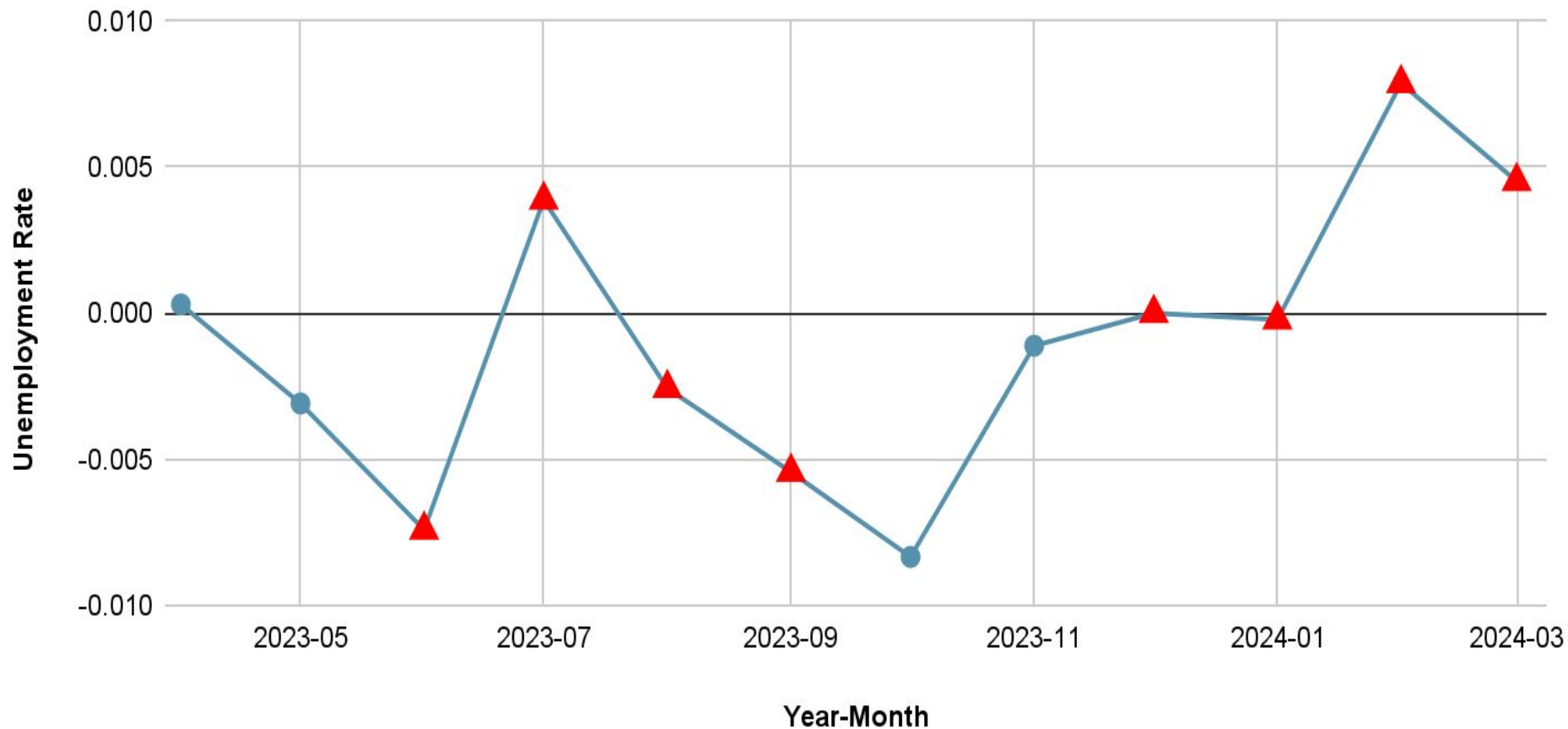




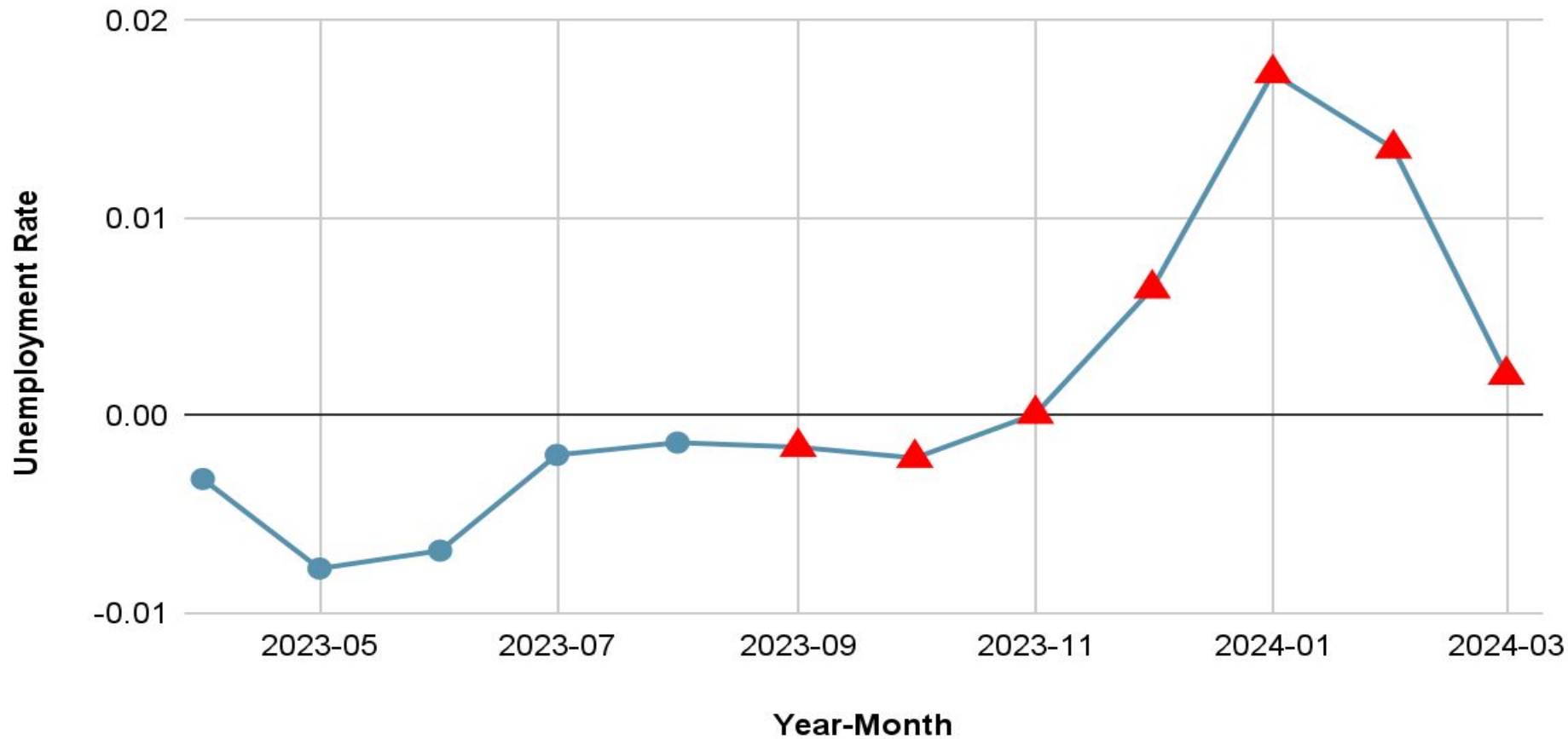
Method of Analysis

→ Time Series Analysis

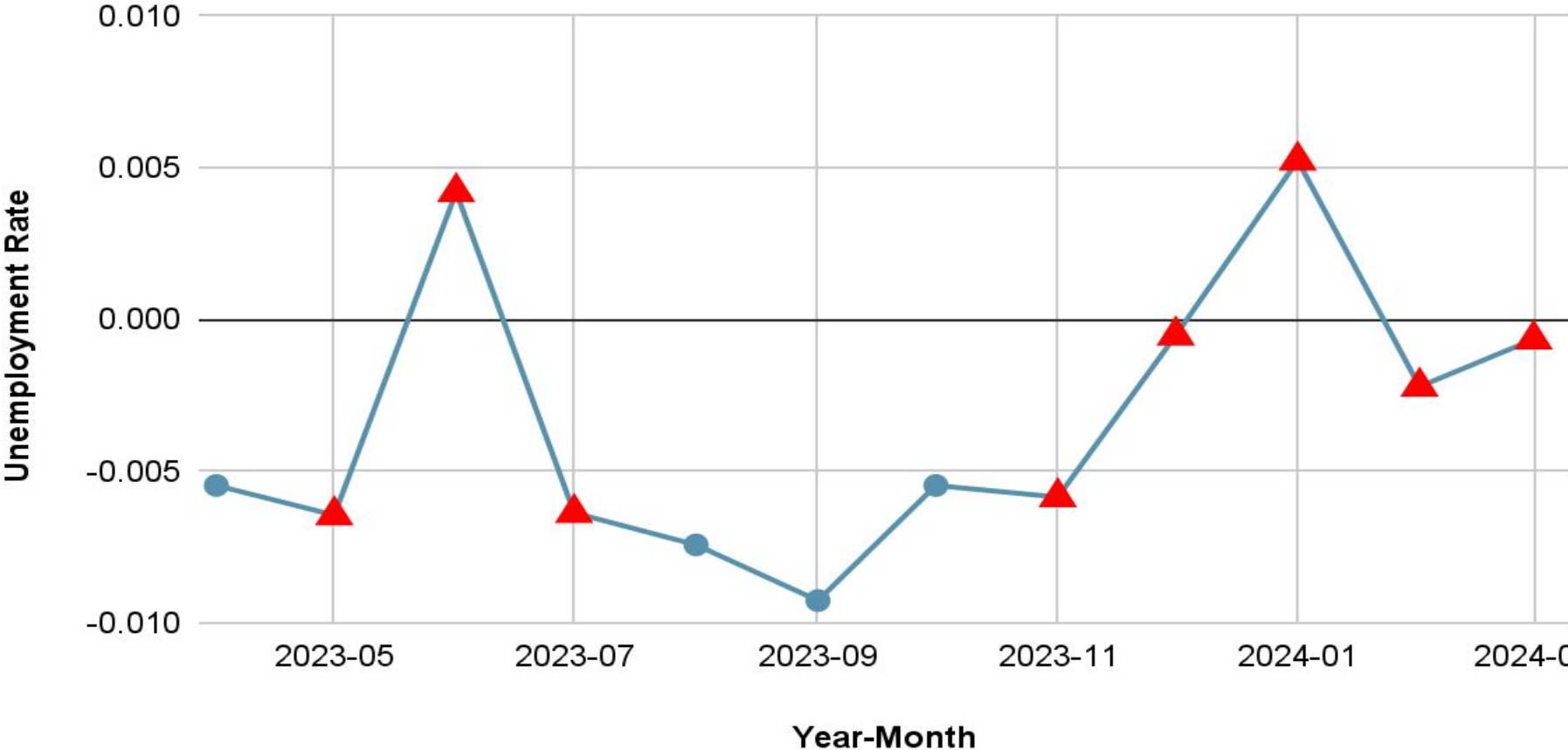
Fresno County Unemployment Rate Prediction



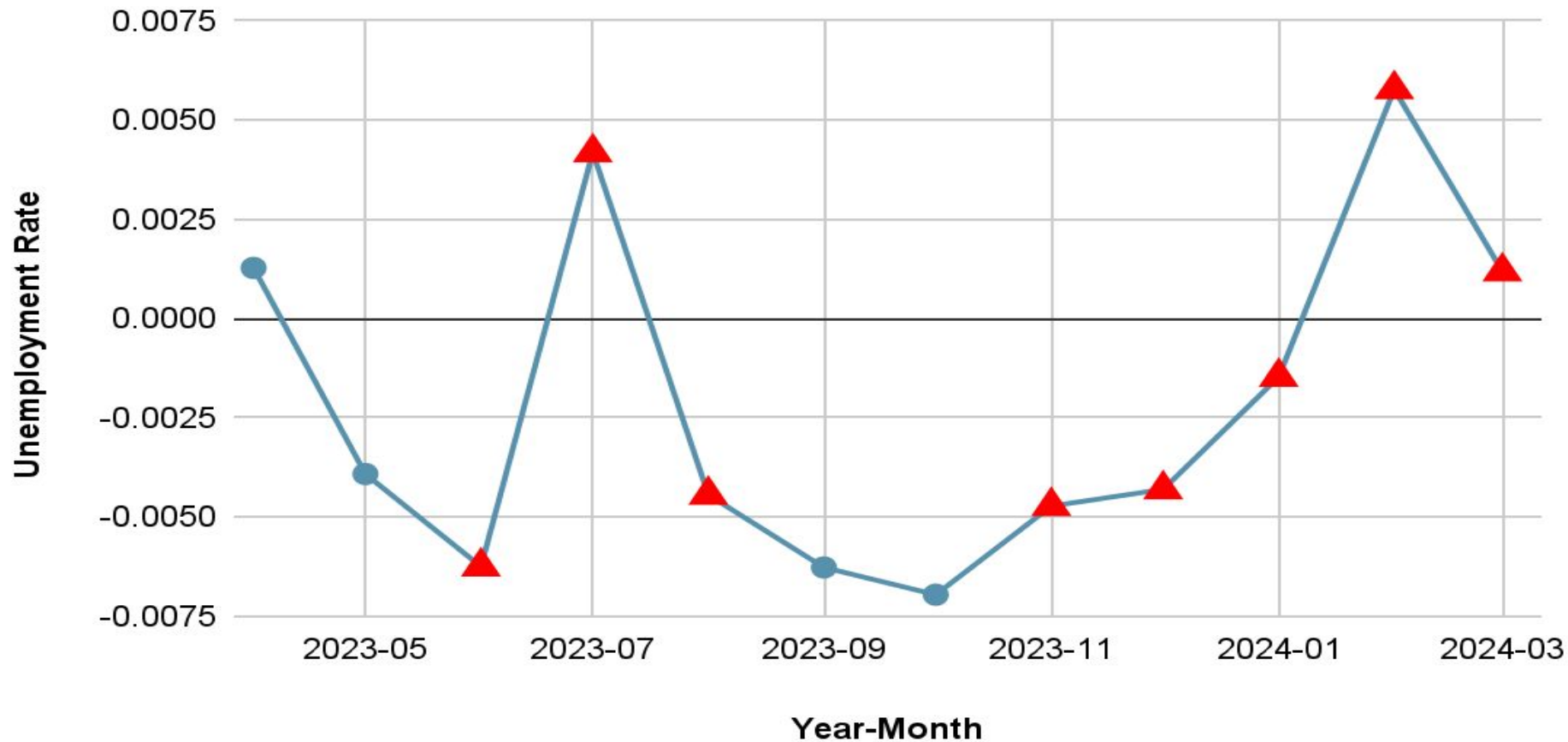
Monterey County Unemployment Rate Prediction



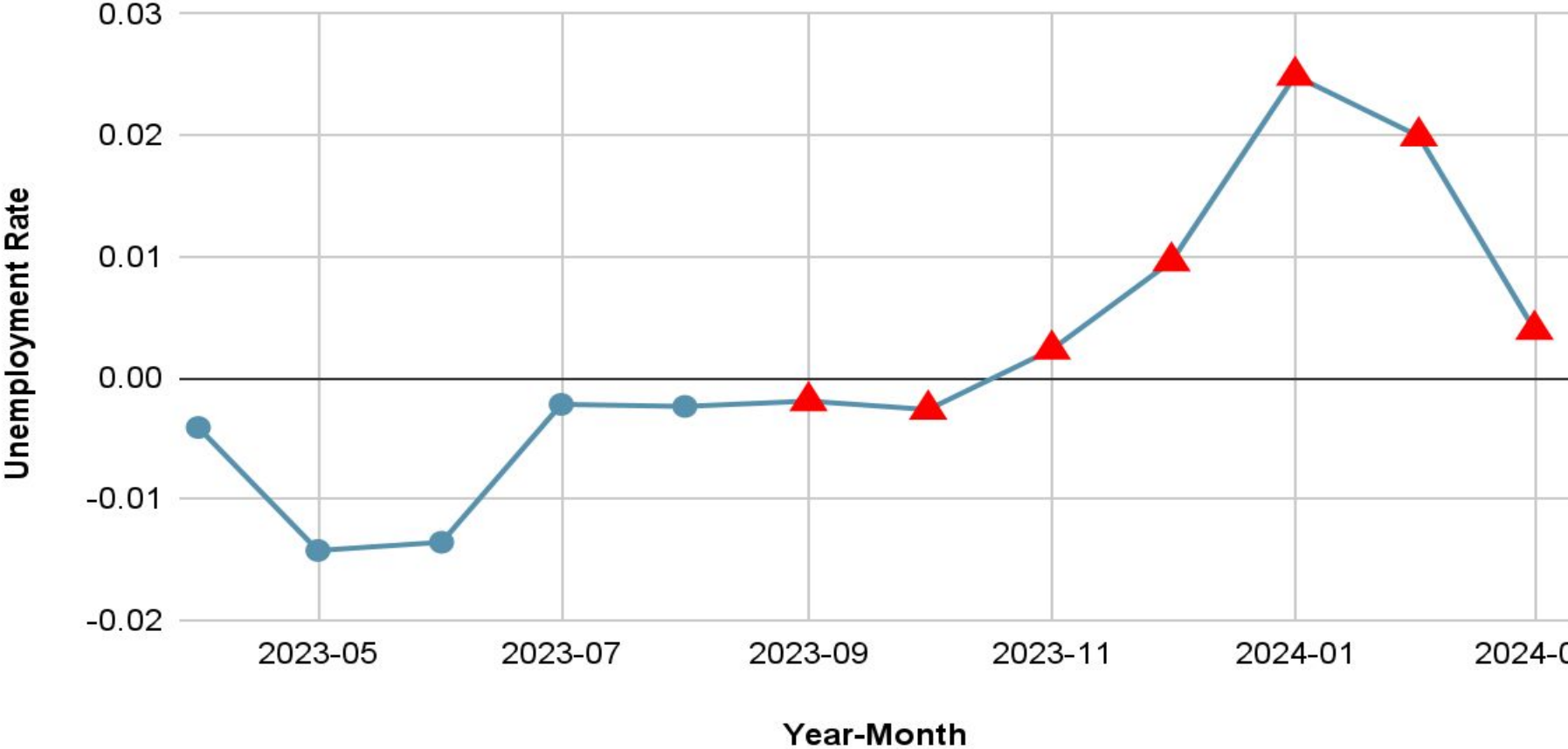
Kern County Unemployment Rate Prediction



Tulare County Unemployment Rate Prediction



San Joaquin County Unemployment Rate Prediction





Limitations of Data

→ # of Ag/Migrant workers in employ



Concluding Remarks

- Extensive: increase labor force
- Intensive: raise participation
- Enhance: skill training



Thank You!

→ For questions or concerns please contact:

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