



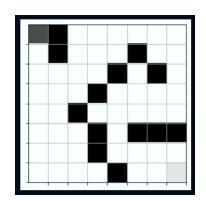


**API Serving** 





Data Presentation (UI)











Web UI

**Database** 







Relational Database













**Forecasting** O PyTorch

Reinforcement

Linear regression, preprocessing, metrics

Data Source & **Transformation** 



**Enhancement** 





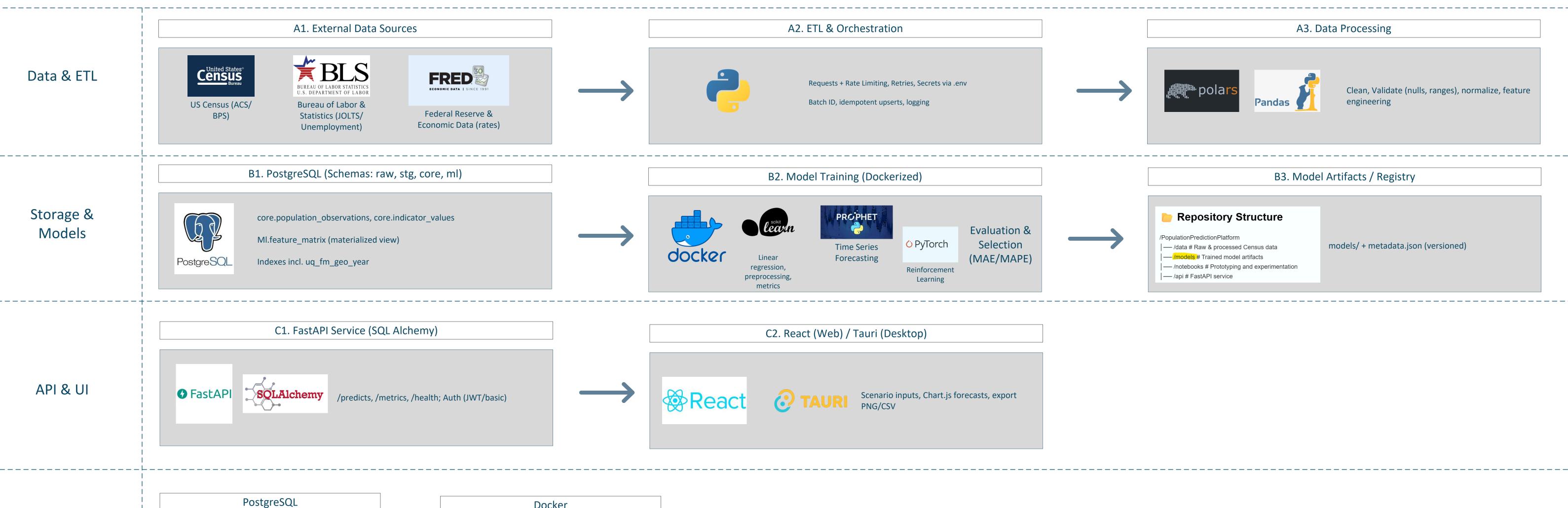
**US Census API** 





Learning

## System Architecture

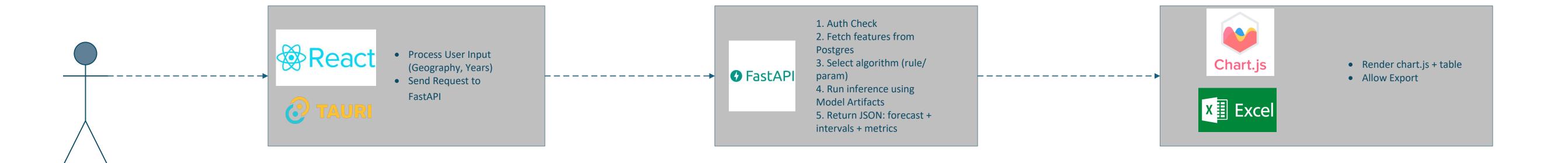


Security & Observability

Row Based Access Control
PostgreSQL



## Request -> Predict -> Visualize



## ETL Training Loop

