

## Offline

Analyze data

- Create price recommendation model
- Create optimization model

## Online/App Environment

Part 1

User selects: Unit specifications (bedroom, bath etc.)

App Predicts:

- Cost for the unit specification using historical data

Part 2

User selects: Cities, Flexibilities (Review, Radius)

App Recommends:

- Optimized trip path
- Best path to take to pay a total lower price for the trip