

A photograph of a restaurant interior in Bali. The space is filled with wooden tables and chairs, some of which are set with plates and glasses. The lighting is warm and ambient, with several large, woven, cone-shaped pendant lamps hanging from the ceiling. The background shows a thatched roof structure and lush greenery, suggesting a tropical setting. The overall atmosphere is rustic and inviting.

FIND THE MOST STRATEGIC PLACE FOR YOUR RESTAURANT IN BALI

UNDERSTANDING PROBLEM

- Business always have risk
- Which place is the strategic for open a restaurant?
- What price range is best for our restaurant?

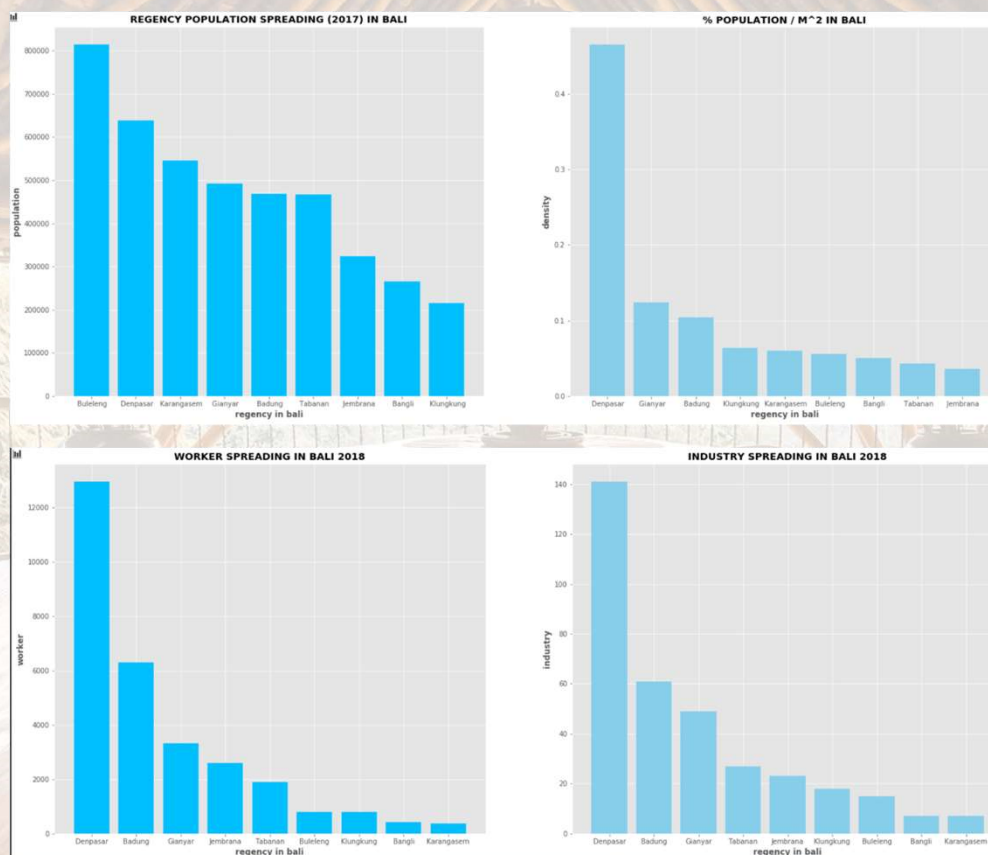
COLLECTING

- number of worker and company in every regency by [Bali Statistics Agency](#)
- Regency list of bali from [wikipedia](#)
- [Foursquare](#) API to find any recommended restaurant

PREPROCESSING:

- Remove redundant data
- Feature engineering data
- Cleaning data

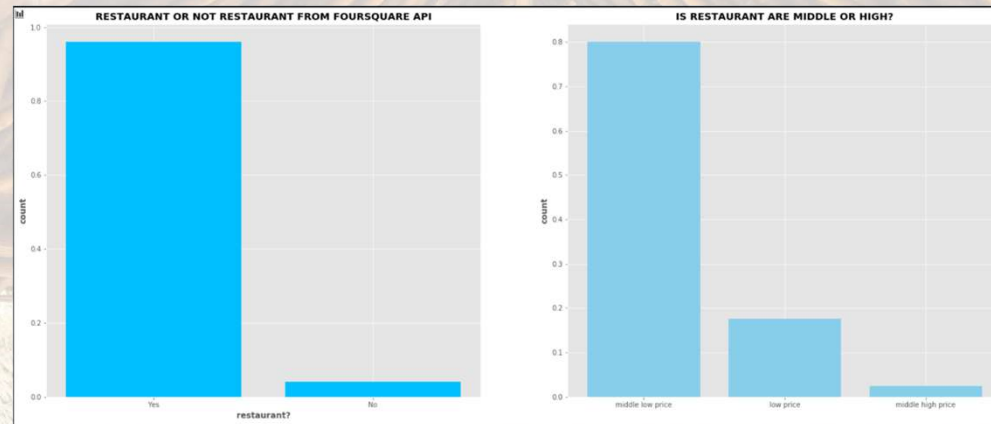
METHODOLOGY



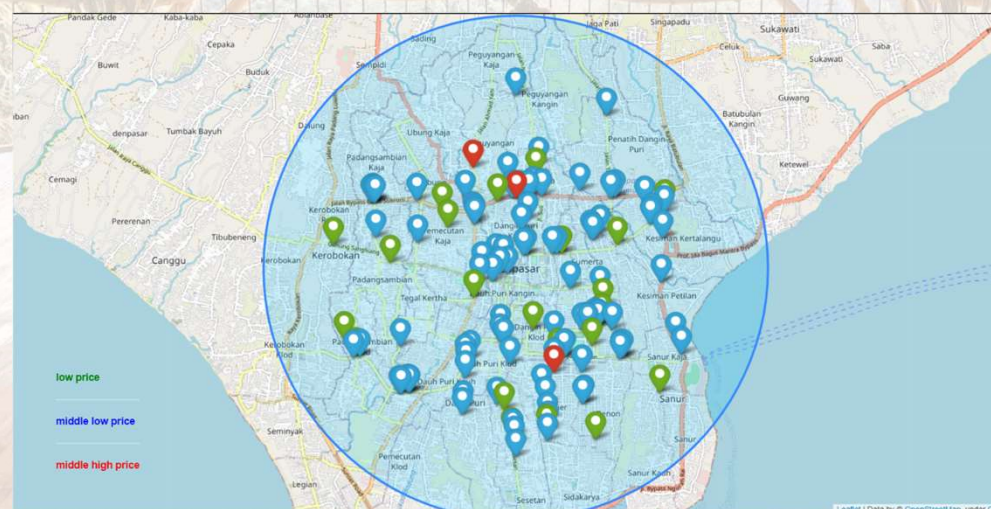
**WIKIPEDIA
DATASET**

**WORKER &
INDUSTRY
DATASET**

METHODOLOGY



**FOURSQUARE
DATASET**



**THE DENPASAR
VISUALIZATIONS**

CONCLUSION

- Denpasar is the strategic place to run a business
- Denpasar population and worker density is good for a business
- Restaurant can be clustered into 3 cluster:
 - Low Price < 10\$ USD
 - Middle Low Price 10\$ - 20\$USD
 - Middle High Price >20\$ USD
- Most common restaurant cluster is Middle Low Price restaurant

The background image shows the interior of a large, circular structure made of bamboo. The roof is a high, vaulted dome made of many bamboo poles. The floor is made of bamboo planks. In the center, there is a round wooden table with several wooden chairs around it. A large potted plant is on the left, and a floor fan is on the right. The structure has large windows or openings around the perimeter, looking out onto a lush green landscape. The text 'THANK YOU' is overlaid in the center in a large, bold, black serif font.

THANK YOU