Rice University – ETL Project

1. Project Title:

* Real Estate listings by Zip Codes

1. Team Members:
   1. Jesus Jasso, Brian Glaude
2. Project Description/Outline:
   1. US Real Estate Listing by Zip Code
   2. US Population by Zip Code
   3. Relationship between Real Estate Sales, Population, and Crime Score
3. Datasets to Be Used:
   1. Kaggle.com – US Population By Zip Code
   2. <https://www.kaggle.com/census/us-population-by-zip-code>
   3. Kaggle.com - US Real Estate Listings by Zip Code
   4. [https://www.kaggle.com/waragones/us-real-estate- listings-by-zip-code](https://www.kaggle.com/waragones/us-real-estate-%20listings-by-zip-code)
   5. Crime Score (API)
   6. <https://rapidapi.com/yourmapper/api/crimescore/details>
4. Rough Breakdown of Tasks:
   1. Understanding of the data
   2. Combine and Clean the data in Pandas
   3. Create the ERD
   4. Load to MongoDB
   5. Use Compass to query data
   6. Document Process