**AirBnB & Zillow Data Challenge**

**Dataframes**

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| **Dataframe** | **Description** |
| airbnb\_df | Input from listings.csv |
| city | Name of the city for which analysis need to be performed, input from console |
| Zip | List of zipcodes derived for city using uszipcode library |
| airbnb\_city\_df | Filtered Airbnb data for city |
| per\_day\_prices | Per day median prices for zipcodes |
| Count | Count of rows per zipcodes |
| zip\_to\_keep | Zipcodes filtered |
| zillow\_df | Input from Zip\_Zhvi\_2bedroom.csv |
| zillow\_city\_df | Combined data from Airbnb, Zillow and zip dataframes |
| final\_zipcodes | List of final zipcodes used for analysis |
| prices\_new | Unpivoted data for return on investment calculation |
| year\_prices\_new | Mean yearly prices |
| profit | Year on year return on investment |
| Prediction | Prediction of return on investment for current year |