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</> Data Analysis with Python Peer Graded Assignment.ipynb

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<h1 align=center>Data Analysis with Python</h1>

House Sales in King County, USA

This dataset contains house sale prices for King County, which includes Seattle. It includes homes sold between May 2014 and May 2015.

id :a notation for a house

date: Date house was sold

price: Price is prediction target

bedrooms: Number of Bedrooms/House

bathrooms: Number of bathrooms/bedrooms

sqft_living: square footage of the home

sqft_lot: square footage of the lot

floors :Total floors (levels) in house

waterfront :House which has a view to a waterfront

view: Has been viewed

condition :How good the condition is Overall

grade: overall grade given to the housing unit, based on King County grading system

sqft_above :square footage of house apart from basement

sqft_basement: square footage of the basement

yr_built :Built Year

yr_renovated :Year when house was renovated

zipcode:zip code

lat: Latitude coordinate

long: Longitude coordinate

sqft_living15 :Living room area in 2015(implies-- some renovations) This might or might not have affected the lotsize area

sqft_lot15 :lotSize area in 2015(implies-- some renovations)

You will require the following libraries

```
In [1]:  import pandas as pd
         import matplotlib.pyplot as plt
         import numpy as np
         import seaborn as sns
         from sklearn.pipeline import Pipeline
         from sklearn.preprocessing import StandardScaler,PolynomialFeatures
         %matplotlib inline
```

1.0 Importing the Data

Load the csv: