# AirBnB & Zillow Data Challenge

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# Data File – Dataset Level Metadata

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| --- | --- |
| **Data Field** | **Description** |
| revenue (XYAO\_revenue.csv) | Revenue information including location, price and Net Operating Income for 2 bedrooms properties in NYC. |
| cost (XYAO\_cost.csv) | Cost information including location and average property price in June 2017 for 2 bedrooms |
| profit (XYAO\_profit.csv) | A merged dataset of revenue and cost dataset which includes Return On Investment |
| zip\_locate (XYAO\_us-zip-code-latitude-and-longitude.csv) | Location dataset with latitude and longitude information for each zipcode |

# Dataset - Column Level Metadata

## 1.0 Revenue Dataset - Column Level Metadata

|  |  |
| --- | --- |
| **Field** | **Description** |
| zipcode | Zip code where the property is located. |
| boroughs | Borough where the property is located (Manhattan, Brooklyn, Bronx, Queens, Staten Island) |
| neighbourhoods | Neighbourhoods where the property is located |
| price | Price the host is charging to stay per night. |
| Net\_Operating\_Income | Annual Net Operating Income for each property (price\*365\*75%) |

## 2.0 Cost Dataset - Column Level Metadata

|  |  |
| --- | --- |
| **Field** | **Description** |
| zipcode | Zip code where the property is located. |
| cost | Average Cost of the property in June 2017 |

## 3.0 Profit Dataset - Column Level Metadata

|  |  |
| --- | --- |
| **Field** | **Description** |
| zipcode | Zip code where the property is located. |
| boroughs | Borough where the property is located (Manhattan, Brooklyn, Bronx, Queens, Staten Island) |
| neighbourhoods | Neighbourhoods where the property is located |
| price | Price the host is charging to stay per night. |
| Net\_Operating\_Income | Annual Net Operating Income for each property (price\*365\*75%) |
| cost | Average Cost of the property in June 2017 |
| Return\_On\_Investment | Annual Return On Investment (NOI/cost) |

## 4.0 Location Dataset - Column Level Metadata

|  |  |
| --- | --- |
| **Field** | **Description** |
| zipcode | Zip code where the property is located. |
| latitude | The angular distance of a place north or south of the earth's equator, expressed in degrees and minutes. |
| longitude | The angular distance of a place east or west of the meridian at Greenwich, England, expressed in degrees and minutes. |