Ed-Tech Business Intelligence

Importing Dataset:

```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
df =  pd.read_csv('data.csv')
df.head(5)
```

Checking Null Values:

```
df.isna().sum()
```

Remove Unwanted Columns

```
df.drop( ['discount_price__currency' ,'created' ,
'published_time','price_detail__price_string' ,
'discount_price__amount' , 'discount_price__price_string' ,
'price_detail__currency']  , axis  = 1  , inplace=True  )
```

REG Plot:

```
plt.figure(figsize=(10,5))
sns.regplot(y = df['num_published_lectures']
,   x  =df['price_detail__amount'] )
plt.title('published Lecture To Prices')
```

Scatter Plot

```
plt.figure(figsize=(10,5))
sns.scatterplot(y = df['num_reviews'] ,   x  =df['rating'] )
plt.title('published Lecture To Prices')
```

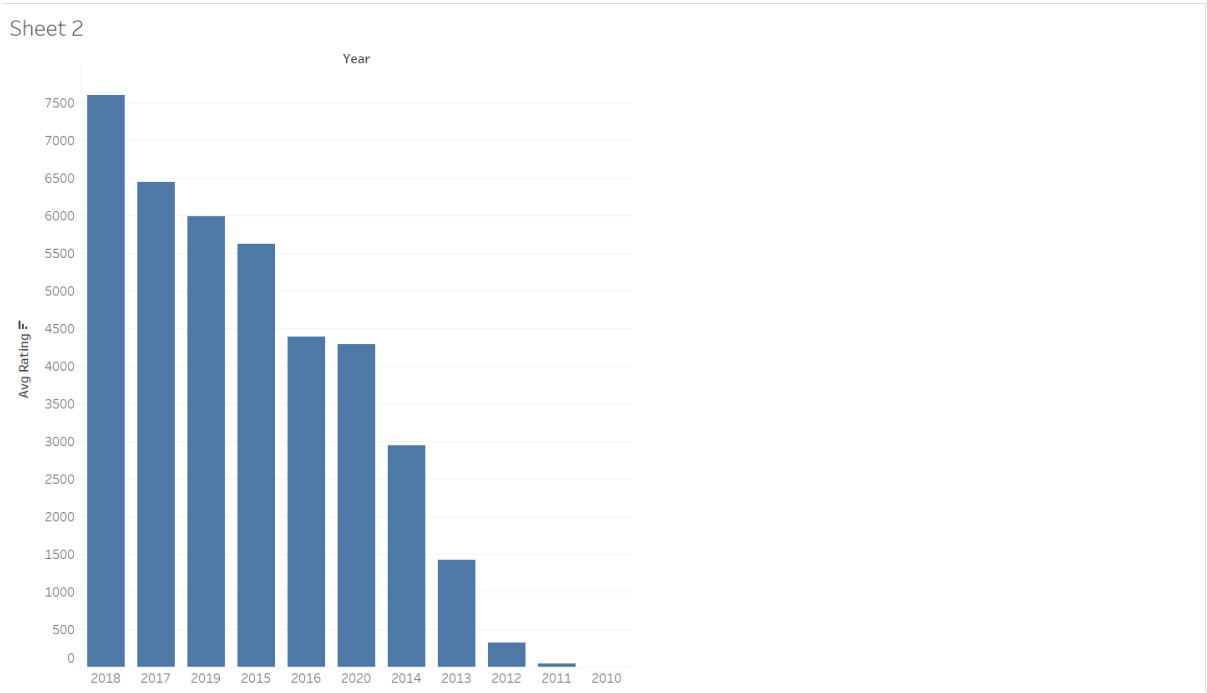
```
df['year'] =  pd.DatetimeIndex(df.created).year
df['month'] =  pd.DatetimeIndex(df.created).month
df['day'] =  pd.DatetimeIndex(df.created).day
```

Count Plot:

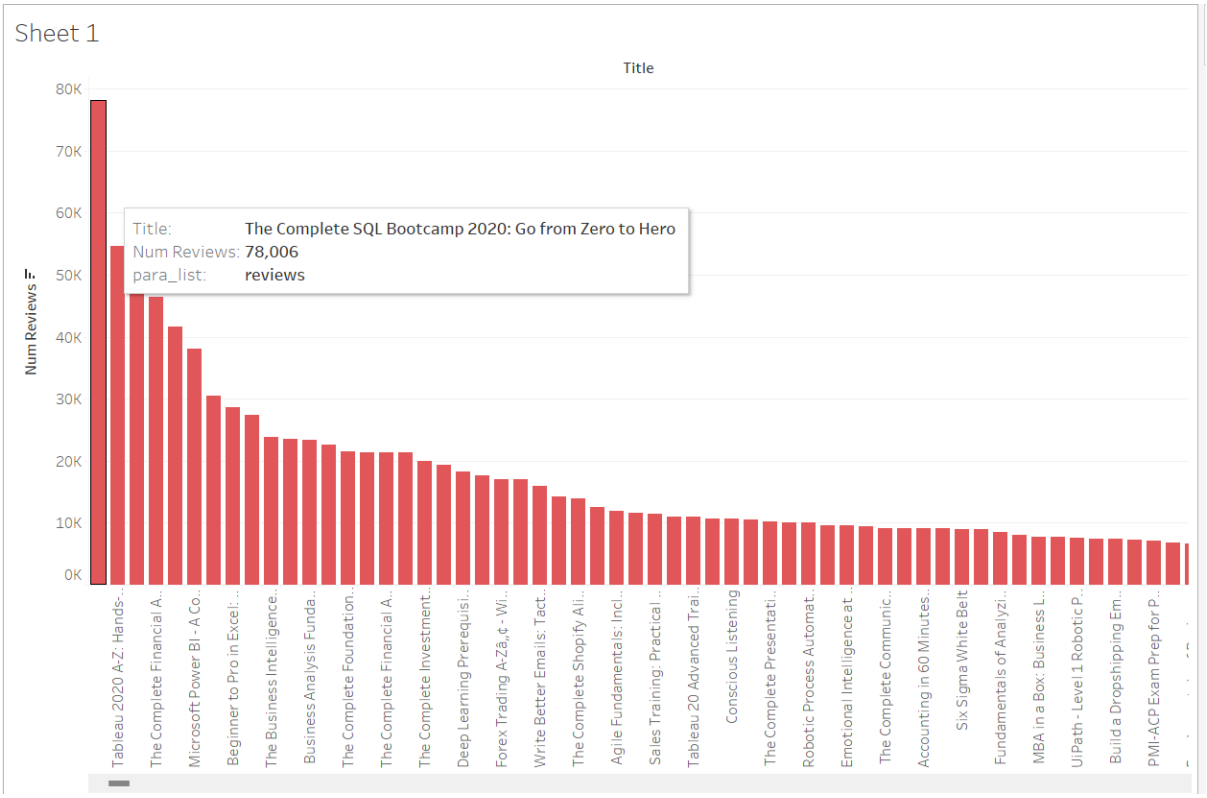
```
plt.figure(figsize=(10,5))
plt.xticks(fontsize = 10 , rotation =  'vertical')
sns.countplot(x=df['year'] , order
=  df.year.value_counts().sort_values(ascending=False).index)
plt.title('Movies Per Year')
```

KBR And KBI:

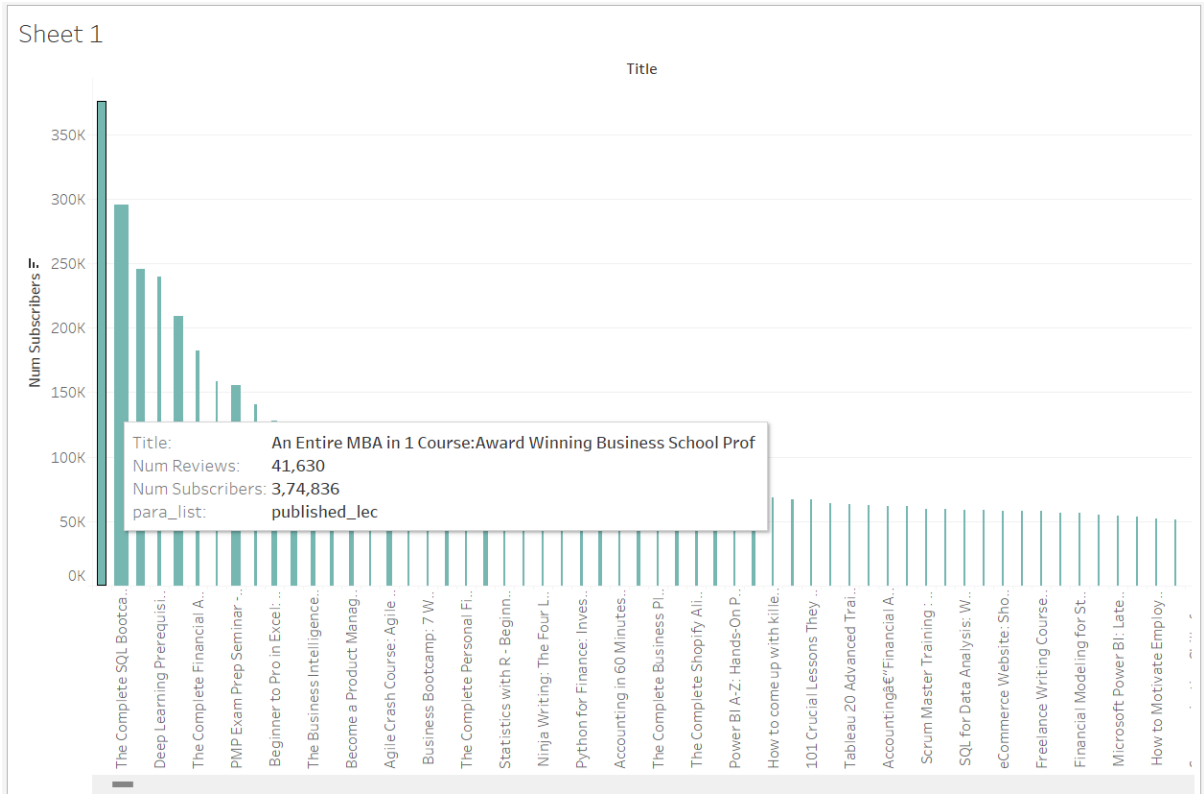
Avg Rating Per Year:



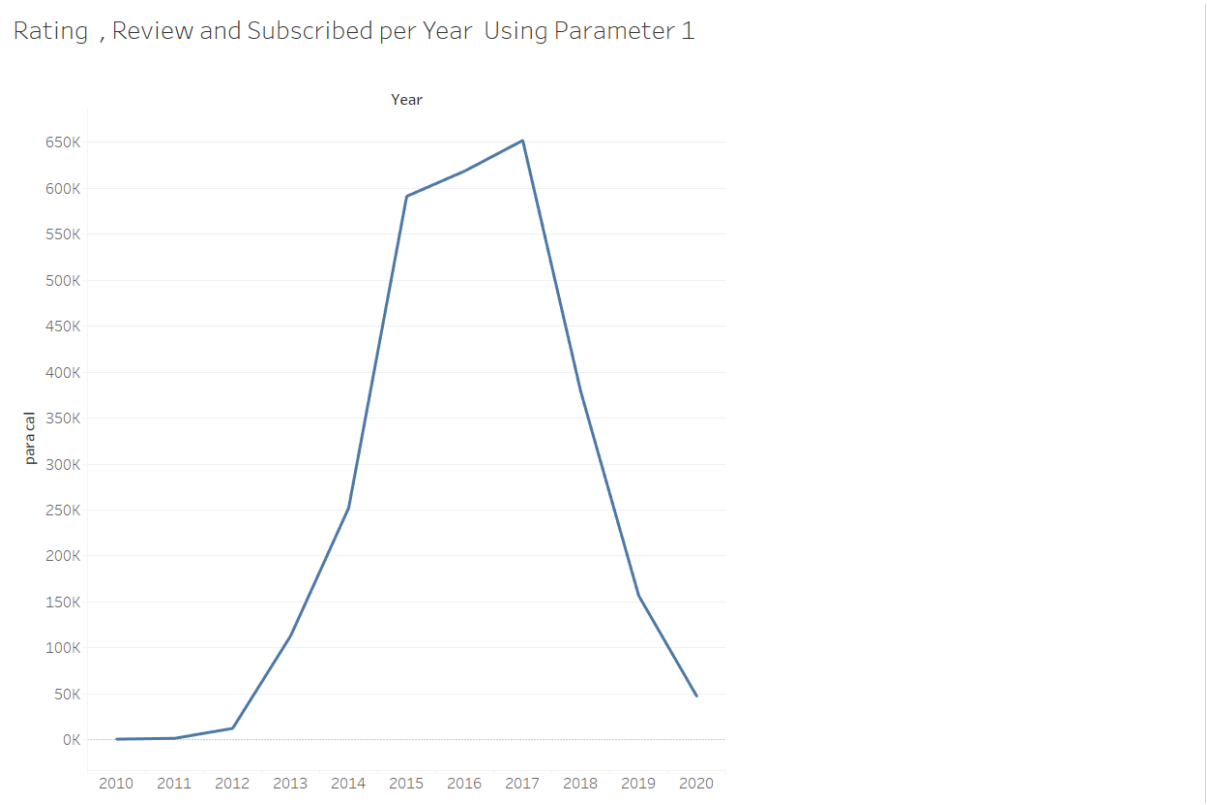
Most Review Course :



Most Subscribed Course:

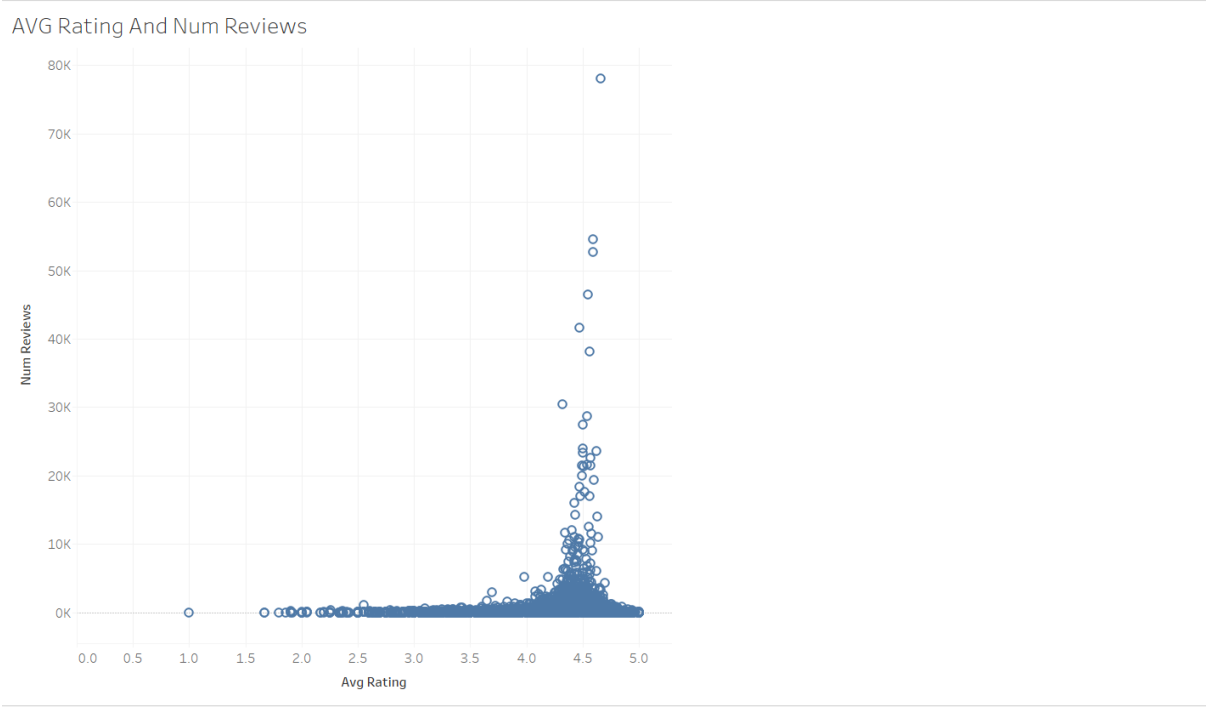


Review Per Year :

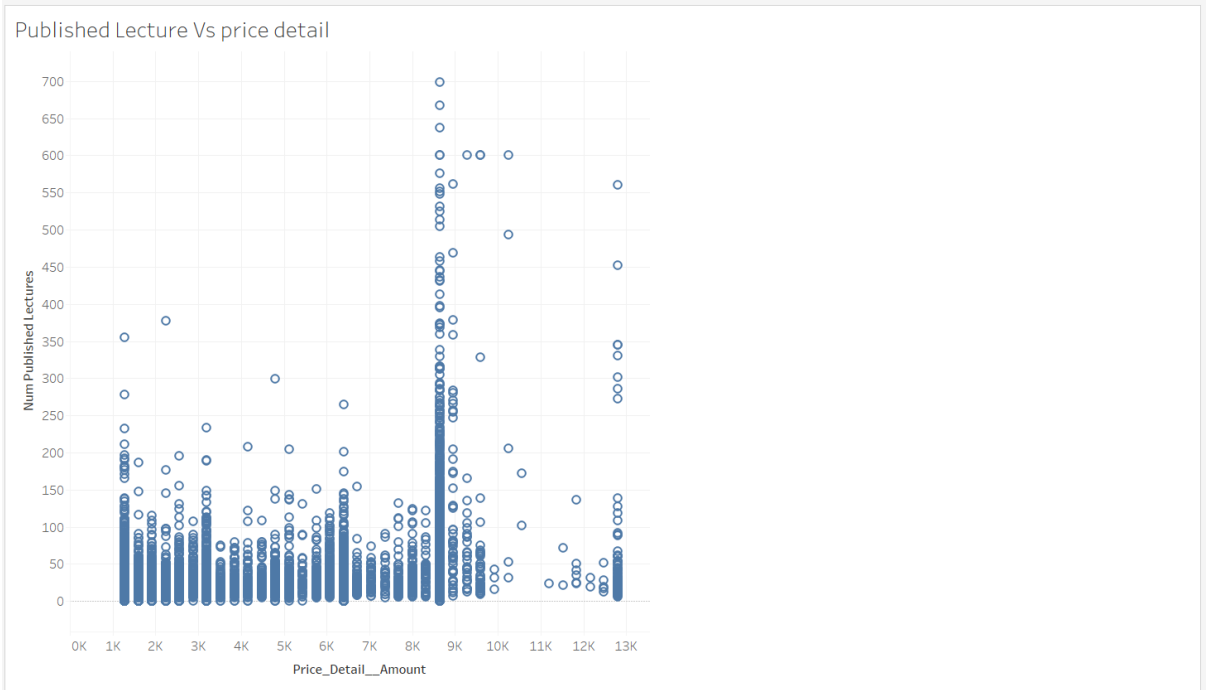


Subscribed per year:

Avg Rating Vs Review:

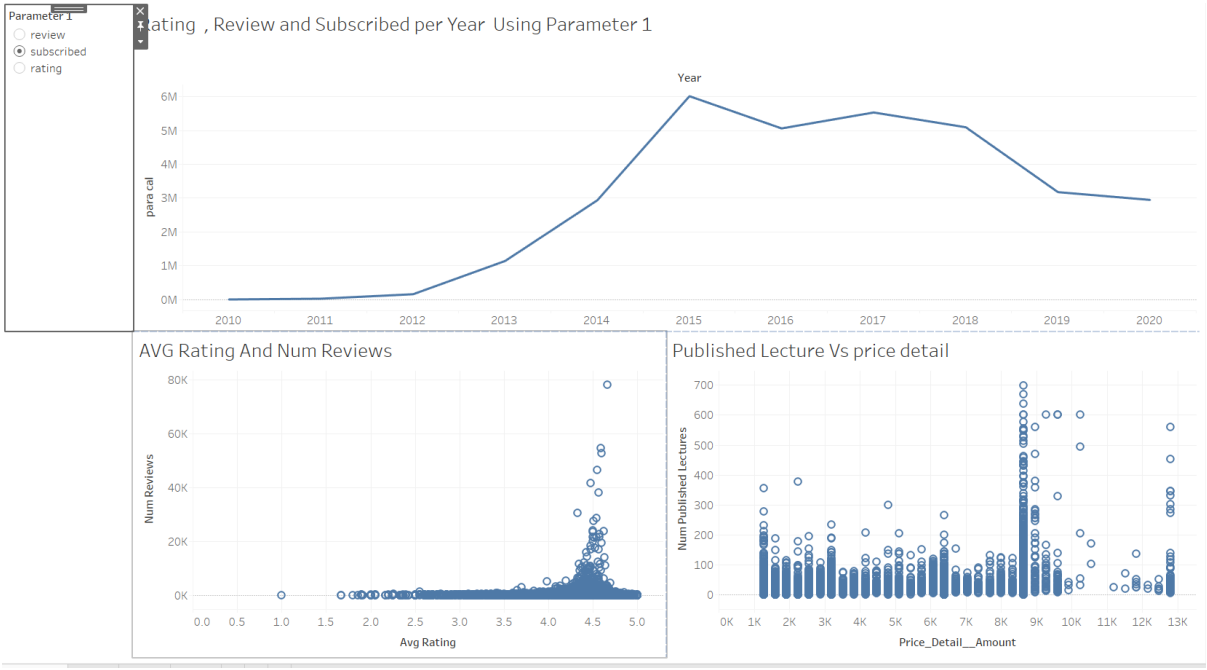


Published Lecture Vs Price Detail:



Total Paid Course:

Dashboard:


Parameter 1
review
subscribed
rating
ating , Review and Subscribed per Year Using Parameter 1
Year
para cal
6M
5M
4M
3M
2M
1M
0M
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
AVG Rating And Num Reviews
Num Reviews
80K
60K
40K
20K
0K
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
Avg Rating
Published Lecture Vs price detail
Num Published Lectures
700
600
500
400
300
200
100
0
0K
1K
2K
3K
4K
5K
6K
7K
8K
9K
10K
11K
12K
13K
Price_Detail__Amount