

```
In [2]: #import libraries
import matplotlib.pyplot as plt
import numpy as np
import pandas as pd
import matplotlib as plt
from sklearn.preprocessing import StandardScaler
%matplotlib inline
import seaborn as sns
import pandas as pd
import glob
my_df_list = [pd.read_excel(f) for f in glob.iglob('Asterix_*.xlsx')]
```

```
In [3]: #import csv file
df=pd.read_csv("ks-projects-201612.csv",engine='python',on_bad_lines='skip',encod
```

```
In [18]: df.head()
```

Out[18]:

| | ID | name | category | main_category | currency | deadline | goal | launched | ple |
|---|------------|---|----------------|---------------|----------|---------------------|-------|---------------------|-----|
| 0 | 1000002330 | The Songs of Adelaide & Abullah | Poetry | Publishing | GBP | 2015-10-09 11:36:00 | 1000 | 2015-08-11 12:12:28 | |
| 1 | 1000004038 | Where is Hank? | Narrative Film | Film & Video | USD | 2013-02-26 00:20:50 | 45000 | 2013-01-12 00:20:50 | |
| 2 | 1000007540 | ToshiCapital Rekordz Needs Help to Complete Album | Music | Music | USD | 2012-04-16 04:24:11 | 5000 | 2012-03-17 03:24:11 | |
| 3 | 1000011046 | Community Film Project: The Art of Neighborhoo... | Film & Video | Film & Video | USD | 2015-08-29 01:00:00 | 19500 | 2015-07-04 08:35:03 | |
| 4 | 1000014025 | Monarch Espresso Bar | Restaurants | Food | USD | 2016-04-01 13:38:27 | 50000 | 2016-02-26 13:38:27 | ! |

In [19]: `df.tail()`

Out[19]:

| category | main_category | currency | deadline | goal | launched | pledged | state | backers | country |
|----------------|---------------|----------|---------------------|-------|---------------------|---------|----------|---------|---------|
| mentary | Film & Video | USD | 2014-10-17 02:35:30 | 50000 | 2014-09-17 02:35:30 | 25 | canceled | 1 | US |
| larrative Film | Film & Video | USD | 2011-07-19 03:35:14 | 1500 | 2011-06-22 03:35:14 | 155 | failed | 5 | US |
| larrative Film | Film & Video | USD | 2010-08-16 05:59:00 | 15000 | 2010-07-01 19:40:30 | 20 | failed | 1 | US |
| hology | Technology | USD | 2016-02-13 02:00:00 | 15000 | 2016-01-13 18:13:53 | 200 | failed | 6 | US |
| ormance Art | Art | USD | 2011-08-16 09:07:47 | 2000 | 2011-07-19 09:07:47 | 524 | failed | 17 | US |

In [5]: *#remove columns to clean data*

```
df.drop(columns=['Unnamed: 13', 'Unnamed: 14', 'Unnamed: 15', 'Unnamed: 16'], inplace=True)
```

In [43]: *#save data to anther file scv*

```
df.to_csv('file4.csv', header=False, index=False)
```