



Spam_email_NaiveBayes



Table of Contents



Notebook Input Output Logs Comments

Import Data

Exploring Data

Vectorize text

Train and Test split

Naive Bayes

Result

In [4]:

```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 5728 entries, 0 to 5727
Data columns (total 2 columns):
 #   Column  Non-Null Count  Dtype  
---  -
 0   text    5728 non-null    object  
 1   spam    5728 non-null    int64  
dtypes: int64(1), object(1)
memory usage: 89.6+ KB
```

In [5]:

```
# Count Spam
print(df['spam'].value_counts())
sns.countplot(x='spam', data=df)
plt.show()
```

```
spam
0    4360
1    1368
Name: count, dtype: int64
```

