## dd dd	Talks Web-scraped Dataset Talks dataset for exploratory analysis containing information about speakers, events, youtube views, likes in different languages Import pandas as pd Import pandas as pandas as pd Import
2	TEDOUG 110K https://www.ted.com/talks/david_gore_averting_the 2006-06-27T00:11:00Z 2006-02-25 ["243","547","2093","74405","64693","83767"]
## ## m ## pp — d ee 1	1 52 1524 TED200 14K https://www.ted.com/talks/jehane_noujaim_my_wi 2006-07-25100:11:002 2006-02-26 [*2228**,1476**,*800**,*2890**,*45233**,*2694*]
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## pp pp pp pp pp pp pp pp ### ### ###	We will filter talks with views less than or equal to the mean lessthanmean = df[df['views'] <= df['views'].mean()] Vereate a histogram plt.hist(df['views'], bins=20, color='green', alpha=0.7, label='All Talks') plt.hist(lessthanmean['views'], bins=20, color='orange', alpha=0.7, label='<= Mean Views') Vereate the labels and title plt.xlabel('Views') plt.ylabel('Views') plt.ylabel('views') plt.lie('TED Talks Views') plt.lie('TED Talks Views') plt.lie('TED Talks Views') plt.show() TED Talks Views All Talks < Mean Views All Talks < Mean Views TED Talks Views
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## ## dd d## dd ## EE ff	Whence our histogram has been created showing the distribution of ted talks views. Here a seperate bar is representing the talks with views <= the mean views What are extracting the year from the 'event' column and concatenate it with the 'event' column If year'] = df['event'].str.extract(r'(xd(4))') Concatenating the 'event' column with the year If ('eventwithyear'] = df['event' column with the year If ('eventwithyear'] = df['eventwithyear'].unique() If ('eventwithyear'].unique() If ('eventwithyear').unique() If ('eventwithyear').
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## dd ## tt ## pp pp pp pp ##	### Extracting the month from 'published_date' ### Extracting the month from 'published_date' ### Counting the number of talks published in each month ### Counting the number of talks published in each month ### Counting the number of talks published in each month #### Counting the number of talks published in each month ####################################
=	500 - DD 400
## pp pp pp ##	Whence our histogram showing the number of talks published in each month has been created Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a scatter plot. Frask 5: Visualize the relationship between likes vs views using a sc
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# # # # # # # # # # # # # # # # # # #	Task-2 Extension of EDA Task-classification/regression Finance tried to perform functions like Data Preprocessing Figure Engineering Figure Engineering Model training Model valuation Fine-tune the Model Make predictions Make predictions Make predictions Make predictions
iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	<pre>import numpy as np import matplotlib.pyplot as plt import seaborn as sns data=pd.read_csv("C:/Users/91987/Downloads/Telegram Desktop/talks_info.csv") # converting string into datetime object. data['published_date'] = pd.to_datetime(data['published_date']) # print(data.head(10))#selecting the first 10 values # print(data.tail(10)) # selecting the last 10 values # print(data.tail(10))</pre>
X	<pre>rint(data.dtypes) < = data[['duration', 'views']] # Features: Duration, Views</pre>
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9 0 1 2 3 4 5 6 7 8	transcript views \ Over the past couple of days, as I've been pre 58915 Thank you so much, Chris. And it's truly a gre 3671801 (Music: "The Sound of Silence," Simon & mamp; Ga 2008487 We've been told to go out on a limb and say so 2694257 I can't help but this wish: to think about whe 489757 I'd like to talk today about the two biggest s 1218560 I'd like to talk today about the two biggest s 1218560 I bet you're worried. (Laughter) I was worried 1405560 I moften asked, "What surprised you about the 420854 A public, Dewey long ago observed, is constitu 1095372 Good morning. How are you? (Audience) Good. It 73389142 youtube_video_code RIBTXUMCUL8 rDiGYUGICPA NEJZTeySOOW gQlil_WGaGk QCFSrbaBShw x -ewCNGguug
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