<pre>import pandas as pd food_trucks = pd.read_cs food_trucks.head(5)</pre>	sv('food_trucks.csv')
vendorID avg_transaction_e 0 1 1 1 2 1 2 3 1	cost mnths_operational days_ur avg_cost_item number_trucks dist_lobland bev_percent 12.40 3.0 163 6.83 2 0.12 30.0 12.10 1.8 140 3.62 5 269.24 40.5 13.52 6.0 139 3.86 5 8.17 35.7 15.56 4.0 124 4.05 3 99.09 32.8
<pre># Drop the 'vendorID' co ven= food_trucks.drop(') print(ven.head)</pre>	vendorID', axis=1)
<pre><bound 0<="" method="" ndframe.he="" td=""><td>40 3.0 163 6.83 10 1.8 140 3.62 52 6.0 139 3.86 56 4.0 124 4.05 08 8.5 186 6.51 70 2.5 153 10.13</td></bound></pre>	40 3.0 163 6.83 10 1.8 140 3.62 52 6.0 139 3.86 56 4.0 124 4.05 08 8.5 186 6.51 70 2.5 153 10.13
245 15.8 246 16.1 247 14.1	89 0.7 162 3.22 17 1.2 153 4.62
3 3 4 5	99.09 32.8 33.42 35.6 127.16 40.2 36.29 41.6 44.35 37.8 91.98 41.1 30.15 34.8
Euclidean distance calculation Can be explained with an exa	t be used in clustering models because it is a categorical variable that does not provide meaningful information on the similarity between vendors. Clustering models use numerical values to measure similarity, and categorical variables cannot be used in institute that are typically used in clustering algorithms. Therefore, numerical attributes like Sales and Profit should be used to group similar vendors together in a clustering model. Sample ,We can represent vendors as points in a two-dimensional space, with Sales as the x-coordinate and Profit as the y-coordinate. We can use Euclidean distance to calculate the distance between any two vendors in this space. However, including in our calculations would not provide any meaningful information about the similarity or dissimilarity of vendors, and may even introduce noise or confusion into the model. Therefore, we should focus on numerical attributes like Sales and Profit that can be a similarity or dissimilarity or dissimilarity of vendors, and may even introduce noise or confusion into the model.
sed to calculate distance and (describe function) food_trucks.describe()	d group similar vendors together. action_cost mnths_operational days_yr avg_cost_item number_trucks dist_lobland bev_percent_
mean 124.500000 std 71.735626 min 1.000000 25% 62.750000	248.00000 248.00000 248.00000 248.00000 248.00000 248.00000 248.00000 248.00000 14.334274 3.622581 148.822581 5.008468 3.044355 52.435484 40.824194 1.412888 3.779335 18.942080 1.683380 1.719750 52.002194 5.775277 8.810000 0.000000 88.00000 -0.270000 0.000000 25.400000 13.360000 1.175000 33.780000 2.000000 16.305000 37.200000
75% 186.250000 max 248.000000 The describe() function in Pyth	14.395000 2.600000 149.000000 5.090000 3.000000 38.315000 40.700000 15.242500 4.500000 162.000000 6.105000 4.000000 68.637500 44.200000 18.320000 27.300000 202.000000 10.130000 9.000000 271.730000 58.600000 Then is a useful tool for any analyst working with a dataset. It provides a summary of basic statistical measures for each column in the dataset, such as the minimum and maximum values, mean, standard deviation, and quartiles. This information can be range, spread, and distribution of the data. Additionally, the count provided for each column can help identify missing values or other data quality issues that may need to be addressed before proceeding with further analysis. By using the describe()
unction, an analyst can quick to Missing values/imposs thissing value - print(food_trucks.isnul)	sible values 1())
False	saction_cost mnths_operational days_yr \ False
0 False 1 False	False ber_trucks dist_lobland bev_percent False False False False False False False False
2 False 3 False 4 False 243 False 244 False 245 False 246 False	False
#impossible values	False False False s in this data. As seen when conducting the function from is.null() ks[food_trucks["avg_cost_item"]>0]
count 247.000000 2	action_cost mnths_operational days_yr avg_cost_item number_trucks dist_lobland bev_percent 247.000000 24
min 1.000000 25% 63.500000 50% 125.000000 75% 186.500000	8.8100000.00000088.0000000.6700000.0000000.12000025.40000013.3750001.150000136.5000003.7850002.00000017.06500037.20000014.4000002.600000149.000005.090003.0000038.9400040.70000015.2450004.500000162.000006.120004.0000068.6550044.20000018.32000027.30000202.0000010.130009.00000271.73000058.600000
	od_trucks["avg_cost_item"]>0] and food_trucks2.describe(), we are filtering out any rows in the food_trucks DataFrame where the avg_cost_item column has a value of 0 or less. This is because it is unlikely that a food truck would sell an item for free or hese impossible values, we can obtain more accurate and meaningful summary statistics of the avg_cost_item column, such as its mean and standard deviation, which can help us gain insights into the pricing strategy of food trucks.
<pre>ven.loc[:, numerical_col foodtrucks_standardized</pre>	<pre>transaction_cost", "mnths_operational", "days_yr", "avg_cost_item", "number_trucks", "dist_lobland", "bev_percent"] ls] = stats.zscore(ven.loc[:, numerical_cols])</pre>
# View the standardized print(foodtrucks_standar avg_transaction_cost -1.371790 -1.584551 -0.577485 0.869287 0.528870	rdized.head()) mnths_operational days_yr avg_cost_item \ -0.165066 0.749975 1.084257 -0.483224 -0.466708 -0.826478 0.630330 -0.519607 -0.683619 0.100066 -1.313096 -0.570522
number_trucks dist_1 0 -0.608499 -1. 1 1.139468 4. 2 1.139468 -0. 3 -0.025844 0. 4 1.139468 -0.	lobland bev_percent .008059 -1.878019 .177573 -0.056248 .852945 -0.889058 .898979 -1.392214 .366406 -0.906408
<pre>if the analysis involves compa #E elbow chart import pandas as pd import matplotlib.pyplot</pre>	
kmeans.fit(foodtrucksse.append(kmeans.ir	lusters=k, n_init=10, random_state=48) ks_standardized) nertia_)
<pre>plt.plot(range(1, 11), s plt.title('Elbow Chart') plt.xlabel('Number of cl plt.ylabel('SSE') plt.show()</pre>	
1600 - 1400 - 1200 -	
F-The number of clusters can	6 8 10 Inher of clusters The decided based on the point on the elbow plot where the rate of decrease in SSE starts to slow down significantly, indicating diminishing returns on adding more clusters. This point is called the "elbow point". Seen from the elbow chart, the elbow point in the elbow point in the slop is regressing more after 5
# Build k-means model wa	ith 5 clusters ers=5, n_init=10, random_state=48) tandardized) s
<pre># Add the cluster labels foodtrucks_standardized # Generate summary stats cluster_summary = foodts # Display the summary state</pre>	s to the original dataframe ["cluster"] = kmeans.labels_ istics for each cluster rucks_standardized.groupby("cluster").mean()
print(cluster_summary) avg_transaction cluster 0 -0.5 1 0.1 2 0.5 3 -0.1	n_cost mnths_operational days_yr avg_cost_item \ 591564
4 -0.1	
These clusters are groups of the average cost item and modern and modern and modern and modern sns.barplot(data=foodtrue)	food trucks that have similar characteristics based on the variables used in the k-means clustering algorithm. Cluster 0 represents food trucks with high average cost item and low average transaction cost, while Cluster 1 represents food trucks with low ate average transaction cost. Cluster 2 represents food trucks with high bev_percent and moderate days_yr, while Cluster 3 represents food trucks with high dist_lobland and moderate number_trucks. Finally, Cluster 4 represents food trucks with high rate days_yr. ucks_standardized, x="cluster", y="number_trucks")
1.0 0.8 0.6 0.6	uster', ylabel='number_trucks'>
-0.20.40.6 - 0 1	
cluster. The plot allows us to describe sns.boxplot(data=foodtru	duster of that shows the average number of trucks for each cluster. The x-axis represents the cluster labels, and the y-axis represents the average number of trucks in each cluster. The height of each bar indicates the average number of trucks in the correspondence of trucks across different clusters and identify any significant differences. In this case, it appears that Cluster 1 has the highest average number of trucks, while Cluster 2 has the lowest average number of trucks. ucks_standardized, x="cluster", y="bev_percent") uster', ylabel='bev_percent'>
3 -	The state of the s
	2 3 4 duster
<pre>import seaborn as sns</pre>	hat displays the distribution of beverage sales percentages for each of the five clusters. The x-axis represents the cluster labels, and the y-axis represents the percentage of beverage sales. Each boxplot shows the median (the horizontal line inside the lox), and the range of data (the whiskers). Outliers are also shown as individual points beyond the whiskers. This visualization can help identify any differences or similarities in the beverage sales percentage across the five clusters. ### Comparison of the comparison of the process of t
<pre>corr_matrix = foodtrucks # plot heatmap of correl sns.heatmap(corr_matrix, <axessubplot:></axessubplot:></pre>	
mnths_operational -0.023 1 days_yr -0.098 0.11 avg_cost_item -0.0057-0.058 number_trucks -0.0045-0.018	0.11
	0.023 0.12 0.11 0.021 1 0.21 0.26 0.16 0.17 0.21 1 0.21 - \(\frac{1}{3} \) \(\fr
"coolwarm", which uses a blue	ap using seaborn's heatmap function, with the correlation matrix of the standardized food truck data as input. The annot parameter is set to True, which displays the correlation coefficients in each cell of the heatmap, and the cmap parameter is set to e-to-red color map to indicate negative-to-positive correlations. See which pairs of variables are highly correlated (either positively or negatively) and which are not. for example, there is a moderate negative correlation between the number of trucks and the average transaction cost. This suggests that as the number
<pre>import seaborn as sns sns.set_style("whitegric sns.barplot(data=foodtre</pre>	ucks_standardized, x="cluster", y="avg_cost_item", ci=None)
0.8 0.6 0.4 0.2	uster', ylabel='avg_cost_item'>
-0.4 -0.6 -0.8	2 3 4
interval for each average. Cluster 1 has the lowest average.	ences in average cost per item between the 5 clusters of food trucks. The height of each bar represents the average cost per item for each cluster, and the error bars (not visible in this case because the ci parameter is set to None) would show the confice age cost per item, while cluster 0 has the highest. Cluster 3 and 4 have relatively similar average costs, while cluster 2 minimal average cost. Item for each cluster, and the error bars (not visible in this case because the ci parameter is set to None) would show the confice age cost per item, while cluster 0 has the highest. Cluster 3 and 4 have relatively similar average costs, while cluster 2 minimal average cost. Item for cluster 0, you would perform the following calculations are sand 2, respectively. Then, for cluster 0, the standardized average cost per item is 0.72. To obtain the actual average cost per item for cluster 0, you would perform the following calculations.
Actual average cost per item for cluster 2, the start Actual average cost per item for the start avera	for cluster $0 = (0.72 * 2) + 8 = \$9.44$ and ardized average cost per item is 1.98. To obtain the actual average cost per item for cluster 2, you would perform the following calculation: for cluster $2 = (0.12 * 2) + 8 = \$8.24$
	Il for food truck owners and operators to understand where they stand relative to their peers and competitors, and to make decisions about pricing and menu offerings based on this information. For example, if a food truck operator in cluster 1 is finding in they may consider lowering their prices or adjusting their menu to make their offerings more appealing to potential customers. Conversely, a food truck operator in cluster 2 may consider raising their prices or adding more high-end menu items to appeal pay more.
also be located in high-end ar 1)Low-cost, high-transaction v	vendors: This cluster has the lowest average cost-per-item but the highest average transaction cost. These vendors may offer more affordable and accessible food options that appeal to a broader customer base, allowing them to generate more sales vendors.
2)Remote vendors: This cluste specific events or festivals tha	nas the lowest number of months operational, suggesting that these vendors are relatively new to the food truck business. They may be still in the process of establishing their brand or building a customer base, and may offer more unique or experimental
4)Niche vendors- has negative volume. Given the high value	re values for all variables except for the number of months operational and days per year. This suggests that these vendors have a lower than average cost per item but also have fewer trucks, serve a smaller geographic area, and may have a lower sale for months operational, it is possible that these vendors have a loyal customer base that supports their business. They may also have a unique selling point, such as a specialty food item, that attracts customers despite their smaller size. Overall, this cluendors with a dedicated customer base.
Lobster Land can benefit from with different vendors based of	n this model in several ways. Firstly, it can help the company to identify different types of food truck vendors operating in the market and gain a better understanding of their strengths and weaknesses. This can be useful in developing strategies to competent their strengths and weaknesses. For example, if Lobster Land identifies a high-cost, low-transaction vendor operating in the same area, it could target customers who are willing to pay a premium for high-end seafood offerings. Description Lobster Land to identify potential areas for expansion. For instance, if it identifies a cluster of remote vendors in an area where there is a lack of seafood options, it could explore the feasibility of setting up a food truck in that area to cater to customers with the company to identify potential areas for expansion. For instance, if it identifies a cluster of remote vendors in an area where there is a lack of seafood options, it could explore the feasibility of setting up a food truck in that area to cater to customers with the company to identify potential areas for expansion. For instance, if it identifies a cluster of remote vendors in an area where there is a lack of seafood options, it could explore the feasibility of setting up a food truck in that area to cater to customers with the company to the comp
Finally, this model can also he	elp Lobster Land to identify potential collaborations with other food truck vendors. For example, if it identifies a cluster of niche vendors with a loyal customer base, Lobster Land could potentially collaborate with them to offer unique seafood offerings that can help it to grow and compete more effectively in the market.
	speed steepest_angle seats_car drop track_color avg_rating 40 50 2 100 red 7.613468 40 50 2 100 blue 5.266737 40 50 2 100 green 4.871951 40 50 2 100 white 4.453202
4 5 Yes	40 50 2 200 red 5.476815
maxspeed: this variable repre	and categorical - sents a series of sequential integers from 1 to 288 and can be treated as a numeric identifier. sents the maximum speed reached by the roller coaster during the ride, and has numeric values of 40, 60, or 80 mph. represents the number of degrees associated with the steepest drop on the ride and has numeric values of 50 or 75 degrees.
drop: this variable represents	sents the number of seats in each car of the roller coaster, and can be treated as a numeric variable with values of 2 or 4. the size of the largest vertical drop during the ride, and has numeric values of 100, 200, or 300 feet. esents the average rating that the bundle received on a score from 0 to 10 and can be treated as a numeric variable. gorical:
start_high: this variable has tw	wo categorical options, "Yes" or "No", representing whether the roller coaster starts at a high altitude or not. four categorical options, "green", "blue", "white", and "red", representing the color of the roller coaster track.
<pre>woodie_roller['start_hig # create dummy variables woodie_roller = pd.get_c</pre>	<pre>dleID', axis=1, inplace=True) gh'] = woodie_roller['start_high'].replace({'Yes': 1, 'No': 0}) s for all remaining categorical variables dummies(woodie_roller, drop_first=True)</pre>
woodie_roller.head() start_high maxspeed stee 0 1 40 1 1 40 2 1 40	spest_angle seats_car drop avg_rating track_color_green track_color_white 50 2 100 7.613468 0 1 0 50 2 100 5.266737 0 0 0 50 2 100 4.871951 1 0 0
3 1 40 4 1 40 C -A	50 2 100 4.453202 0 0 1 50 2 200 5.476815 0 1 0
variables are highly correlated variables can also capture any	s is a way to convert them into categorical variables, which can be more useful for certain types of analysis, such as linear regression. In the case of linear regression, numerical variables can create issues related to multicollinearity, where two or more d with each other, leading to unstable and unreliable estimates of the model coefficients. By converting the numeric variables into categories, we can avoid this problem and create a more robust and interpretable model. Additionally, dummifying numeric y nonlinear relationships that may exist between the variable and the outcome, which may not be captured by a linear model that treats the variable as continuous.
model = LinearRegression	'avg_rating', axis=1) rating'] ion model and fit it to the data
model.fit(X, y) ▼ LinearRegression LinearRegression() #E print("Model Coefficient	to.")
<pre>for i, col in enumerate(print(f"{col}: {mode}) Model Coefficients: start_high: 1.0566803271 maxspeed: 0.037355766464 steepest_angle: -0.02074 seats_car: -0.2210721976</pre>	(X.columns): el.coef_[i]}") 1965342 4625 4300623303966 65519887
we can expect to see an incre	6556164272106117 67549871522 3571177239927163 E have developed, we can see that the most significant predictor of a roller coaster's average rating is the maximum speed it reaches during the ride, as indicated by the positive coefficient of 0.037. Specifically, for every 1 mph increase in maximum speeds in the average rating by approximately 0.037 points, holding all other variables constant. This indicates that Lobster Land may want to consider investing in roller coasters with higher maximum speeds to improve the overall experience for their gue
rating by approximately 0.020 Interestingly, the color of the rather than the visual aestheti	the steepest angle of the roller coaster's largest drop is also a significant predictor of the average rating, as indicated by the negative coefficient of -0.0207. For every 1 degree increase in the steepest angle, we can expect to see a decrease in the average points, holding all other variables constant. This suggests that Lobster Land may want to prioritize designing roller coasters with slightly less steep angles to improve the overall guest satisfaction. Foller coaster's track did not appear to have a significant impact on the average rating, as indicated by the relatively small and insignificant coefficients for the different track colors. This may indicate that guests are more focused on the actual ride experience of the roller coaster. However, it is worth noting that this data is based on a limited set of colors, and additional research could be conducted to investigate the impact of a wider range of colors on the guest experience. The variables in our model, such as starting height, seat configuration, and drop size, did not have a significant impact on the average rating, as indicated by their relatively small and insignificant coefficients. While these variables may still be important
Overall, our model provides va	and construction of roller coasters, they may not be as critical in determining the overall guest experience and satisfaction. Faluable insights into the factors that drive guest satisfaction with roller coasters at Lobster Land. By focusing on factors such as maximum speed and steepest angle, Lobster Land can make strategic investments in the design and construction of new roall guest experience and drive higher ratings and increased revenue. Graph Segments (1 point)
Bumble, which is a popular da I believe this ad is an undiffere and Facebook may indicate th	thuman connection. download bumble" is targeting consumers who are seeking romantic relationships or connections with others. This is evident from the tagline, which highlights the need for human connection, and the call-to-action to download ating app. The segment being targeted likely includes young adults and millennials who are comfortable with using technology to meet new people and form connections. entiated (mass market) ad because it appeals to a broad range of consumers who may be looking for romantic connections, regardless of their specific demographics or interests. However, the placement of the ad on social media platforms like Instagratic it is specifically targeting users of these platforms.
In terms of effectiveness, the atthink this ad is likely to be effectiveness. The standard of	ad does a good job of highlighting the need for human connection and positioning Bumble as a solution to this need. The tagline is relatable and taps into a basic human desire for connection, while the call-to-action is clear and straightforward. Overall, ective in attracting users to download the Bumble app and potentially form new connections. ps://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Requirement already satistic Requirement alre	isfied: nbconvert in /usr/local/lib/python3.8/dist-packages (6.5.4) isfied: jinja2>=3.0 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (3.1.2) isfied: entrypoints>=0.2.2 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (0.4) isfied: pandocfilters>=1.4.1 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (1.5.0) isfied: nbformat>=5.1 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (5.7.3) isfied: nbclient>=0.5.0 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (0.7.2) isfied: defusedxml in /usr/local/lib/python3.8/dist-packages (from nbconvert) (0.7.1)
Requirement already satistic Requirement alre	isfied: bleach in /usr/local/lib/python3.8/dist-packages (from nbconvert) (5.2.0) isfied: jupyter-core>=4.7 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (5.2.0) isfied: beautifulsoup4 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (4.6.3) isfied: lxml in /usr/local/lib/python3.8/dist-packages (from nbconvert) (4.9.2) isfied: pygments>=2.4.1 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (2.6.1) isfied: mistune<2,>=0.8.1 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (0.8.4) isfied: traitlets>=5.0 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (5.7.1) isfied: jupyterlab-pygments in /usr/local/lib/python3.8/dist-packages (from nbconvert) (0.2.2) isfied: packaging in /usr/local/lib/python3.8/dist-packages (from nbconvert) (23.0)
Requirement already satistic Requirement alre	isfied: packaging in /usr/local/lib/python3.8/dist-packages (from nbconvert) (23.0) isfied: MarkupSafe>=2.0 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (2.1.2) isfied: tinycss2 in /usr/local/lib/python3.8/dist-packages (from nbconvert) (1.2.1) isfied: platformdirs>=2.5 in /usr/local/lib/python3.8/dist-packages (from jupyter-core>=4.7->nbconvert) (3.0.0) isfied: jupyter-client>=6.1.12 in /usr/local/lib/python3.8/dist-packages (from nbclient>=0.5.0->nbconvert) (6.1.12) isfied: fastjsonschema in /usr/local/lib/python3.8/dist-packages (from nbformat>=5.1->nbconvert) (2.16.3) isfied: jsonschema>=2.6 in /usr/local/lib/python3.8/dist-packages (from nbformat>=5.1->nbconvert) (4.3.3) isfied: six>=1.9.0 in /usr/local/lib/python3.8/dist-packages (from bleach->nbconvert) (1.15.0)
Requirement already satistic Requirement alre	isfied: Stx=1.9.0 in /usr/local/lib/python3.8/dist-packages (from bleach->nbconvert) (1.15.0) isfied: webencodings in /usr/local/lib/python3.8/dist-packages (from jsonschema>=2.6->nbformat>=5.1->nbconvert) (22.2.0) isfied: importlib-resources>=1.4.0 in /usr/local/lib/python3.8/dist-packages (from jsonschema>=2.6->nbformat>=5.1->nbconvert) (5.12.0) isfied: pyrsistent!=0.17.0,!=0.17.1,!=0.17.2,>=0.14.0 in /usr/local/lib/python3.8/dist-packages (from jsonschema>=2.6->nbformat>=5.1->nbconvert) (0.19.3) isfied: tornado>=4.1 in /usr/local/lib/python3.8/dist-packages (from jupyter-client>=6.1.12->nbclient>=0.5.0->nbconvert) (6.2) isfied: pyzmq>=13 in /usr/local/lib/python3.8/dist-packages (from jupyter-client>=6.1.12->nbclient>=0.5.0->nbconvert) (23.2.1) isfied: python-dateutil>=2.1 in /usr/local/lib/python3.8/dist-packages (from jupyter-client>=6.1.12->nbclient>=0.5.0->nbconvert) (2.8.2) isfied: zipp>=3.1.0 in /usr/local/lib/python3.8/dist-packages (from importlib-resources>=1.4.0->jsonschema>=2.6->nbformat>=5.1->nbconvert) (3.15.0)
!jupyter nbconvert to [NbConvertApp] WARNING [NbConvertApp] WARNING Traceback (most recent of File "/usr/local/bin/j sys.exit(main())	o html assignment2_aravindrao.ipynb pattern 'to' matched no files pattern 'html' matched no files
File "/usr/local/lib/p return super().laund File "/usr/local/lib/p app.start() File "/usr/local/lib/p self.convert_notebook File "/usr/local/lib/p raise ValueError(ch_instance(argv=argv, **kwargs) python3.8/dist-packages/traitlets/config/application.py", line 992, in launch_instance python3.8/dist-packages/nbconvert/nbconvertapp.py", line 423, in start
ValueError: Please specific The following formats are jupyter nbconvertto he [NbConvertApp] WARNING [NbConvertApp] WARNING Traceback (most recent of File "/usr/local/bin/j	re available: ['asciidoc', 'custom', 'html', 'latex', 'markdown', 'notebook', 'pdf', 'python', 'rst', 'script', 'slides', 'webpdf'] html notebook.ipynb pattern 'to' matched no files pattern 'html' matched no files
File "/usr/local/bin/j sys.exit(main()) File "/usr/local/lib/p return super().laund File "/usr/local/lib/p app.start() File "/usr/local/lib/p self.convert_notebook	jupyter-nbconvert", line 8, in <module> python3.8/dist-packages/jupyter_core/application.py", line 277, in launch_instance ch_instance(argv=argv, **kwargs) python3.8/dist-packages/traitlets/config/application.py", line 992, in launch_instance python3.8/dist-packages/nbconvert/nbconvertapp.py", line 423, in start oks()</module>
File "/usr/local/lib/p raise ValueError(oks() python3.8/dist-packages/nbconvert/nbconvertapp.py", line 585, in convert_notebooks ify an output format with 'to <format>'.</format>