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## **EDA quiz**

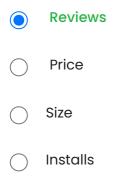
11 out of 11 correct

1. What is the most common	ı airiine	in the	e Filant Price	aataset?
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$\bigcirc$	Delta
$\bigcirc$	American Airlines
$\bigcirc$	United
	Southwest

**Explanation:** To identify the most common airline, we can use value\_counts() on the 'Airline' column, which returns the count of each unique value. Southwest has the highest count, indicating it is the most common airline.

2. Which feature in the Google Playstore dataset has the highest correlation with app rating?



**Explanation:** We can use correlation analysis to identify the feature(s) with the highest correlation with app rating. In this case, 'Reviews' has the highest correlation, indicating that higher reviews tend to be associated with higher ratings.

3. What is the most common app category in the Google Playstore dataset?



	Tools
$\bigcirc$	Entertainment
$\bigcirc$	Education
the m	nation: We can use value_counts() on the 'Category' column to identify lost common app category. In this case, 'Tools' has the highest count, ating it is the most common app category.
4. W	nat is the average flight duration in the Flight Price dataset?
$\bigcirc$	3 hours and 45 minutes
	4 hours and 30 minutes
$\bigcirc$	5 hours and 15 minutes
$\bigcirc$	6 hours and 20 minutes
•	nation: We can use the 'Duration' column to calculate the average flight ion. In this case, the average is approximately 4 hours and 30 minutes.
	nich country has the highest number of apps in the Google Playstore staset?
$\bigcirc$	India
	United States
$\bigcirc$	Japan
$\bigcirc$	United Kingdom
count	nation: We can use value_counts() on the 'Country' column to identify the rry with the highest number of apps. In this case, 'United States' has the st count, indicating it has the most number of apps.
6. W	hat is the range of app prices in the Google Playstore dataset?
$\bigcirc$	\$0 to \$50

	\$0.10.\$100
$\bigcirc$	\$0 to \$200
$\bigcirc$	\$0 to \$500
•	nation: We can use the 'Price' column to determine the range of apps. In this case, the range is from \$0 to \$100.
7. WI	hat is the most common flight departure city in the Flight Price dataset?
	New York
$\bigcirc$	Los Angeles
$\bigcirc$	Chicago
$\bigcirc$	Houston
dentif	nation: We can use value_counts() on the 'Departure City' column to fy the most common departure city. In this case, 'New York' has the st count, indicating it is the most common departure city.
8. Wh	nat is the average app size in the Google Playstore dataset?
$\bigcirc$	50 MB
$\bigcirc$	100 MB
	200 MB
$\bigcirc$	500 MB
Explar	nation: We can use the 'Size' column to calculate the average app size. I

**Explanation:** We can use the 'Size' column to calculate the average app size. In this case, the average is approximately 200 MB.

9. In the Flight Price dataset, the "route" feature contains information about the departure and destination cities for each flight. How would you use this feature to perform EDA?

$\bigcirc$	Plot the average price for each departure city
$\bigcirc$	Plot the average price for each destination city
$\bigcirc$	Plot the average price for each route
	All of the above
•	nation: By plotting the average price for each departure city, destination nd route, we can identify any patterns or trends in flight prices based on on.
	the Flight Price dataset, the "date" feature contains information about the ate of the flight. How would you use this feature to perform EDA?
$\bigcirc$	Plot the average price for each month
$\bigcirc$	Plot the average price for each day of the week
$\bigcirc$	Plot the average price for each season
	All of the above
•	nation: By plotting the average price for each month, day of the week, and on, we can identify any patterns or trends in flight prices based on the time ar.
	the Google Playstore dataset, the "size" feature contains information out the size of each app. How would you use this feature to perform EDA?
$\bigcirc$	Plot the distribution of app sizes
$\bigcirc$	Plot the average rating for each app size
$\bigcirc$	Plot the number of installs for each app size
	All of the above

**Explanation**: By plotting the distribution of app sizes, the average rating for each app size, and the number of installs for each app size, we can identify any patterns or trends in app size and its relationship with rating and popularity.

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