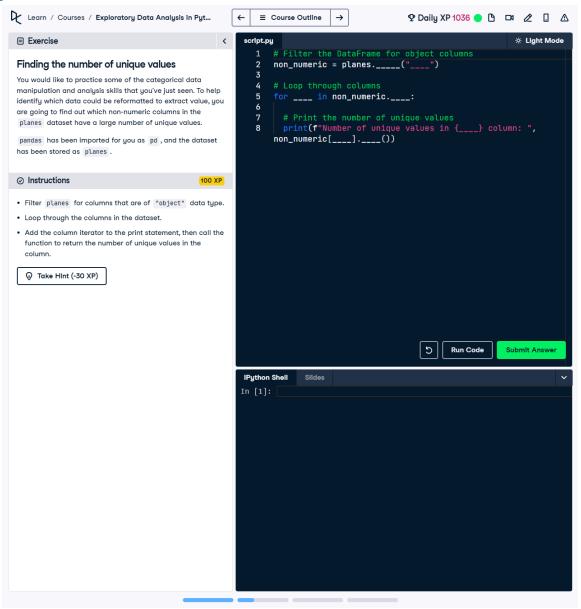# Finding the Number of Unique Values in Non-Numeric Columns

## Question and Screenshot:



## Question Explanation:

This task involves filtering the dataset to focus on non-numeric (object-type) columns and iterating through them to find and print the number of unique values in each column. This helps identify potential categorical features for analysis.

## Code Solution:

```python
# Filter the DataFrame for object columns
non_numeric = planes.select_dtypes(include=["object"])

# Loop through columns
for column in non_numeric.columns:
    # Print the number of unique values
    print(f"Number of unique values in {column} column: ",
non_numeric[column].nunique())
```

## Solution Explanation:
1. The `select_dtypes()` method filters the DataFrame to include only columns with an object data type.
2. A for-loop iterates through the filtered columns to process each column individually.
3. The `nunique()` function calculates the number of unique values in the current column.
4. The results are printed with a formatted string that includes the column name and the number of unique values.