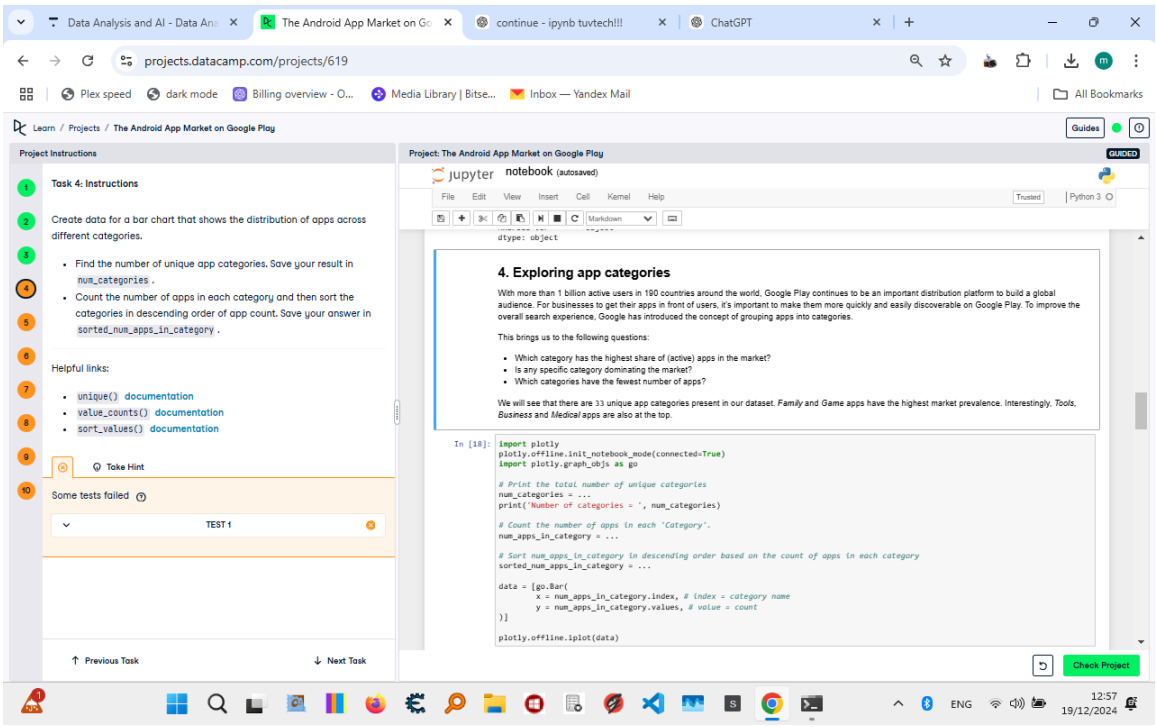

Google Play Store Analysis - Task 4

Task 4 Instructions

1. Find the number of unique app categories and save the result in `num_categories`.
2. Count the number of apps in each category and save the result in `num_apps_in_category`.
3. Sort the categories in descending order of app count and save the result in `sorted_num_apps_in_category`.

Correct Code Implementation

```
# Step 1: Find the number of unique app categories
num_categories = apps['Category'].nunique()
print("Number of unique categories is:", num_categories)

# Step 2: Count the number of apps in each category
num_apps_in_category = apps['Category'].value_counts()

# Step 3: Sort categories by the number of apps in descending order
sorted_num_apps_in_category =
num_apps_in_category.sort_values(ascending=False)

# Display the sorted results
```

print(sorted_num_apps_in_category)

Explanation of the Code

1. **`nunique()`**:
   - Calculates the total number of unique categories in the `Category` column.
   - Saves the result in the variable `num_categories`.

2. **`value_counts()`**:
   - Counts the number of apps in each category.
   - Saves the result in `num_apps_in_category`.

3. **`sort_values()`**:
   - Sorts the count of apps in descending order.
   - Saves the sorted result in `sorted_num_apps_in_category`.

4. **Visualization**:
   - (Optional) Use Plotly or Matplotlib to create a bar chart for visualizing the distribution of apps across categories.