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Gitam-Skill-Enhancement-May-2019 / PythonProgramming / PythonNotebooks / **Hackathon Phase 2 - 18 May 2019.ipynb**

Akash-Sinha 21 May 2019 First Commit

c9bf575   3 days ago

1 contributor

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Raw   Blame   History

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127 lines (126 sloc)   2.74 KB

Akash-Sinha 21 May 2019 First Commit

Hackathon Problems

Day No - 18

Date - 18 May 2019

Problem 1 :

Problem Statement

Using the Matplotlib library, generate a Pie Chart to categorise student marks data in a CSV file into Distinction, First Class, Second Class, Third Class and Failed Categories(based on percentages). Explode the Distinction category.

- Generate a CSV containing marks of 2000 students
- From the CSV, generate the Pie Chart

Constraints

Test Cases

- Test Case 1
- Test Case 2
- Test Case 3

```
In [ ]:  import pandas as pd
         import random
         def generateMarksCSV(filename, rollstart, nos, lm, hm):
```

```
In [ ]:
```

```
In [ ]:
```

Problem 2 :

Problem Statement

Accessing the App_data_from_App_Store (https://www.kaggle.com/ramamet4/app-store-apple-data-set-10k-apps#AppleStore.csv), generate the following Visualizations

- Pie Chart to categorise all app categories based on count
- For the Sports Category, generate a bar graph to show average rating for free vs paid apps

Constraints

Test Cases

- Test Case 1
- Test Case 2
- Test Case 3

```
In [ ]:
```

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In [ ]:
```

```
In [ ]:
```