

**Cape Peninsula University of Technology**

**Department of Information Technology**

**Python Programming: Elective 2**

**Assignment 1**

**Due date: 18th March 2022, end of day.**

Using googleplaystore.csv available at <https://www.kaggle.com/lava18/google-play-store-apps?select=googleplaystore.csv> answer the following question:

**Question 1 [2 marks]**

Display the first 7 records

**Question 2 [2 marks]**

What is the total number of records in column and column datatype?

**Question 3 [5 marks]**

Convert the Review column to a float data type

**Question 4 [3 marks]**

Display the unique values of the Category column

**Question 5 [3 marks]**

What is the average of rating column?

**Question 6 [5 marks]**

What is average rating for apps in the photography category?

**Question 7 [6 marks]**

What is the total number of free and paid apps?

**Question 8 [3 marks]**

What is the average value of Reviews?

**Question 9 [5 marks]**

Which app has the highest review?

**Question 10 [6 marks]**

What are the top 5 apps with the highest review?

TOTAL MARKS: 40