R Qualification

1. Introduction

You have been given 2 csv files that is “Score.csv” and “ScoreWeight.csv”, you are asked to calculate the grade for each data from “Score.csv” by the corresponding value:

|  |  |
| --- | --- |
| Score | Grade |
| 0 – 65 | D |
| 66 – 70 | C |
| 71 – 75 | B- |
| 76 – 80 | B |
| 81 – 85 | B+ |
| 86 - 90 | A- |
| 90 - 100 | A |

Save the result into “Result.csv” file, listing the Student Name, Total Score, and Grade.

1. Data Visualization

You have been given a csv file for analysis that is “anime.csv”. You are asked to visualize at least 4 types of information using any kinds of graph.

1. Data Description and Frequent Pattern Analysis

You have been given 3 csv files that is “Header.csv”, “Detail.csv”, and “items.csv”. You are asked to remove invalid data and find the frequent item sets using apriori with minimum support of 0.05 and its association rule with confidence 0.5. The frequent item sets must be prepared in term of item name.