**S5196431**

**Duwon HA**

Task 1 & 2 and 4

A screenshot of a computer

Description automatically generated with medium confidenceCollection ratings

A screenshot of a computer

Description automatically generated with medium confidenceCollection titles

Task 3

Schema Validation for titles

Graphical user interface, application

Description automatically generated

Schema Validation for ratings

Graphical user interface, text, application, email

Description automatically generated

Task 5

1)

Graphical user interface, application

Description automatically generated

Genre of Drama covers the highest number of movies which is 12%, and followed by Documentary 9%, Talk show and Comedy are 8%.

2)

A picture containing graphical user interface

Description automatically generated

97% of movies are not an adult movie. Only 3% of movies are adult movie which is interesting

3)

Graphical user interface

Description automatically generated with medium confidence

We can see that the film industry has continued to develop, however it decreased in 2010 to 2015 but reached to peak in 2015 to 2020 which is 28%.

4)

Graphical user interface

Description automatically generated with medium confidence

The average movie rating of 7.5 to 8 covers the highest number, followed by 6.5-7 and 7-7.5

Rating of 2.5 – 3 covers the lowest number. Most of the movies got over average movie rating 5 out of 10.

5) Chart, waterfall chart

Description automatically generated

Tv episode covers the highest number of title type, followed by short and movie.

6)

A picture containing chart

Description automatically generated

15% of the movies got greater or equal to 10500 and less than 11000 votes and which is the highest rate. We can know that generally voting rate is low.

7)

Graphical user interface, application

Description automatically generated

We can see that tv Episode became super popular in 2016 to 2018. It seems to be caused by the popularisation of streaming services such as Netflix worldwide.

Task 6

A)

A picture containing text, screenshot, monitor

Description automatically generated

B)

A picture containing text, monitor, screenshot, indoor

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

C)

A picture containing text, screenshot, monitor, indoor

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, website

Description automatically generated