**Question 3:**

In this question, we created one clustered and one unclustered index.

This index sorts user ratings on an account by the rating’s value inputted by a user/s. This will be useful for queries involving user rating more specifically based on the value of the rating. This makes it quicker and easier to access when pertaining to rating’s value.

  
This index was created on title and releaseYear of a media programme. This will be useful for finding media released in a specific year and title easier since there will be fewer media programmes released in the same year with the same title.

**Question 4:**

**Part 1:**

A screenshot of a cell phone

Description automatically generated

This query gets the number of accounts that made payments/subscribed per month after May 3rd 2019. This data can be used to determine various trends in particularly with possible investors. A good visualization of these trends is shown in the chart below. At the begin from June, 2019 – November, 2019 the number of people subscribed to the service seemed to be constant and low compared to a roughly 10 time increase in subscribers/account payments in January, 2020 with the subscriber trend being approximately maintained in the successive months.

A screenshot of a cell phone

Description automatically generated

Months

Accounts

**Part 2:**

A screen shot of a computer

Description automatically generated

This query gets the media programmes with average rating value above or equal to 2.5. With this data, the company can get analyse the live feedback they are getting from their consumer and perhaps invest in media programmes catered to their audience. As seen from the chart, the average ratings range between 3 and 3.5. This chart gave a dynamic set of data from the audience.

A screenshot of a cell phone

Description automatically generated

Ratings

Media programmes