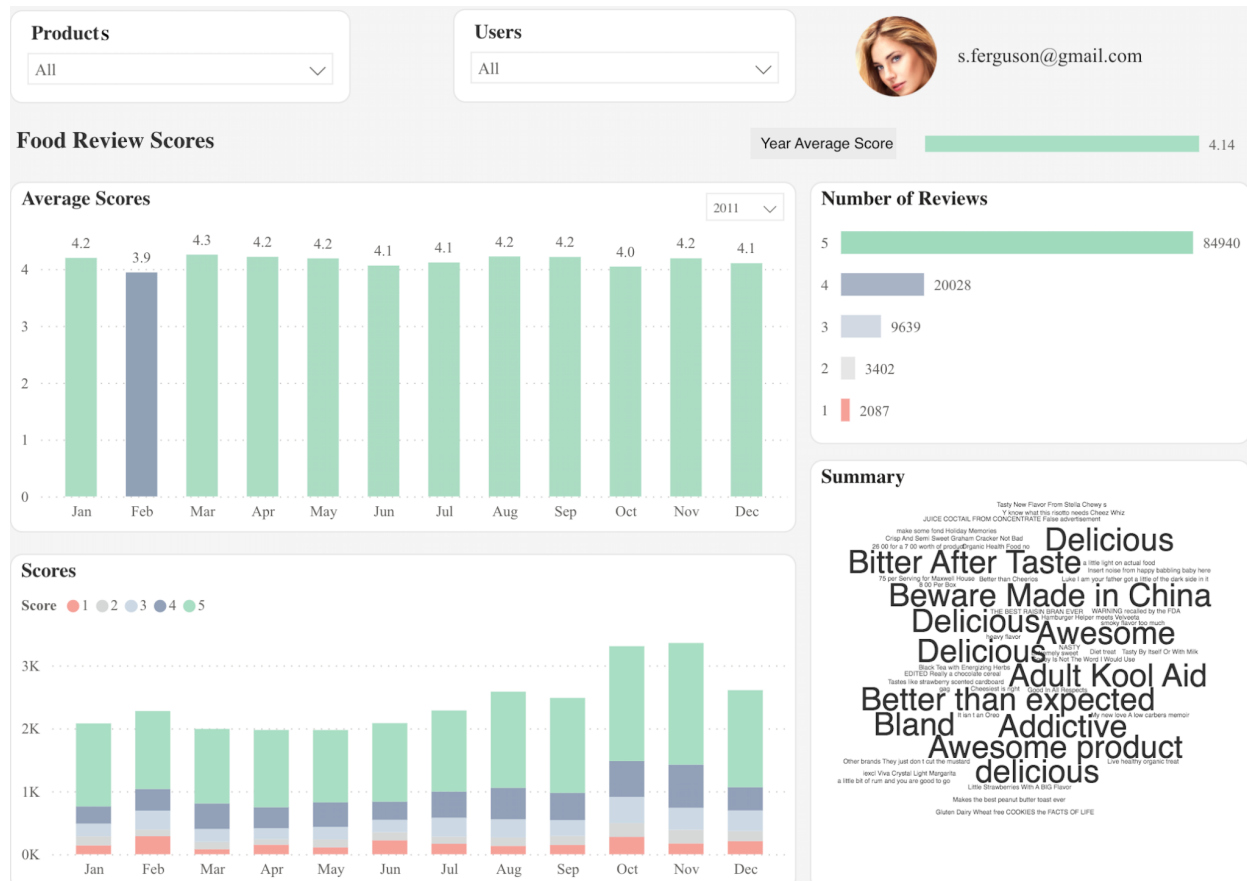


Web Developer Task

With Dash Plotly create a dashboard web application using user_product_data.csv:

```
RangeIndex: 540 entries, 0 to 539
Data columns (total 5 columns):
#   Column   Non-Null Count  Dtype
---  -
0   user     540 non-null    object
1   year     540 non-null    int64
2   month    540 non-null    int64
3   product  540 non-null    int64
4   score    540 non-null    int64
```

Dashboard should have the following menus and widgets, as shown in the picture below (ignore user pic and email):



- Menu Products: select one, several or all product ID-s
- Menu Users: select one, several or all user ID-s
- Menu Year: select one, several or all years
- Year Average Score - mean score of all selected reviews, single value.

Selected user, product and year are then used in all charts that follow:

- Average Scores - average (mean) scores by month of the selected years
- Scores - monthly counts of score types (1,2,...5) of the selected years
- Number of Reviews - count of score types (1,2,...5) of the selected years
- Summary - most frequent word combinations in all selected reviews. You can show here one word, two word (bigram) or longer word combinations - it's up to you. Meaningful combinations of different lengths will add another plus to your solution!

Notes:

Every score type (1,2,...5) on the charts should have its own distinctive color. For example 1 - red, 2 - light gray, ..., 5 - green.

These examples are made intentionally raw and may contain errors in order to give a full play to your creativity and imagination.

The only requirement is to have the same elements in your dashboard which you may place differently or use a different color palette.

This application should run locally and be accessible in a web browser. Please provide all source code and data of your application in a zip archive. Include README with installation instructions for software (frameworks, libs, DB, etc.) your solution needs.

Good luck!