**Chart Specifications**

* **DataTable Chart**
  + Displays a list of products along with accompanying parameters (product name, price, positive, negative, neutral) (summary)
* **Pie Chart**
  + Shows the average parameters of the shop (result/index of the shop)
* **Bar Chart**
  + Displays the average parameters of the shop by month (arranged in order from past to present) (growth)

**Code:** Proceed with the analysis of crawled web data about: index rating Input: result/input Output: result/output total: result/final After the above steps, you will see a summary file in the result; the summary is the actual output (if you want actual data, just crawl again from the web using the crawl\_comment.py file, then filter to json) Execution order: index rating - summary data, pie, bar (use crawl\_comment.py to generate a csv for one product, which can then be converted to json)