**Power BI Activity**

**Goal**

Practice using Power BI and integrating with Big Query. Working collaboratively in small groups.

**Description**

You are given one csv file:

* inu\_neku\_orderline\_clean.csv
* (Details about data can be found here): <https://www.kaggle.com/datasets/alicert/ecommerce-online-sales-data-frame>

Load this data into a dataset on BigQuery. Check for any formatting issues and fix if necessary. (Bonus points for normalizing data into a small warehouse!)

Next, you will connect to your BigQuery Dataset in Power BI to import the data. Once complete, you will create a report with visualizations answering these questions (Take a look at the various types of graphs to best answer these. Show a good variety of charts):

1. How have sales compared by month from Jan 2021 – Jun 2021?
2. How do sales compare throughout the day? (Morning, midday, evening)
3. What products are selling the most?
4. Where (physical location) are most of the customers?
5. What age groups do we see the most sales?
6. How much has the average customer spent throughout Jan 2021 – Jun 2021?
7. (bonus points for finding any other interesting trends/patterns)

Export this report to a pdf and send to [gabriel.klein@revature.com](mailto:gabriel.klein@revature.com)

**Presentation**

You will give a 5 minute presentation on your findings on Friday, June 9