**Work flow for today**

**Output a full table**

* **Product information**
* **Schedule information**

**Output 1 item data**

**add lags and other variables**

**Conduct forecast**

**Things to check**

Check the idea of Croston method

Historical mean

Poisson distribution

Negbin distributions

**Idea to compute**

**Find the correlation of the each columns data**

Find the day which the product started to sell

Take a single data from the table

Count the maximum number of zeros in the data

Compute the number of zeros

Replace zero based on the previous 3 days average

Create a lag and rollover average from the input table

Create the test and train

Make it maybe within a year range

Test

Test again with less month on test and train

Test

Replace zeros with 7 days and start the above again to see if there is any relationship with number of zeros and average

Replace the zeros with Croston method using package from the python