**Data Analysis Topics**

Quotes-

See which quotes turned into orders. See if certain types of rollers based on groupings of characteristics frequently turned into orders versus other quoted items.

Also compile a list to find the first quote that turned into an order for customers. See if this list has any similarities.

Add On Charges-

See how add-on charges compare to the whole price of a roller/order. Find a breakdown of most frequent addon on charges used with each customer and compound with that customer

Find the average time between orders based on customer code

Frequency of Compounds-

Generate a complete list of compounds used with each customer

Customer Core Numbers and Suggested Addons-

Generate a list of addon charges used for each roller with a specific customer core number.

**Data Cleanup Notes**

All files can be opened in Excel, then they can be saved as an excel workbook.

In the files for this project, most of the database tables have holes, items that are considered “dead” but never have been able to be deleted, and various other things of the like.

Any file Ending with \_\_\_\_\_CMT.DBF is a comment file. There are often situations where a user hit “enter” which added a new record below with no record number but the text in the comment field belongs to the record above it. Also, many holes, etc. The notes in this file could even belong to records that are dead/killed with the system glitches out so they rewrite the order from scratch and never deal with the main order.

**Important File Names**

Things ending with \_\_\_\_\_DTL.dbf are the actual records relating to whatever the prefix is. Could be jrl(journal), ord(order), qot(quote), rcv(receiving)

Most things for the analysis projects will be related to D\_ORDDTL.DBF and D\_QOTDTL.DBF

**Important Field Names**

K\_CUS\_CDE- Customers unique code

K\_ORD\_NUM- Unique identifying order number. Orders can Be split! This would mean that the main record was basically ignored, and then the rest of the information related to the order would go under K\_ORD\_NUM[A-X].

CONSTRUC\_O- a code for how we build the rollers. The first four numbers represent the rubber compound used.

CUST\_COR\_O- a code that is defendant on each customer’s products they order from Republic. This specifies a way to track what type of roller we are working on. Not ever roller has one of these, but when they do, it is important to note and keep track of.

RPNUM\_O- Number of the roller in the order.