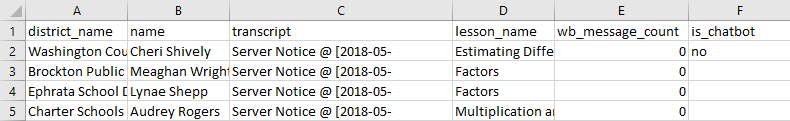
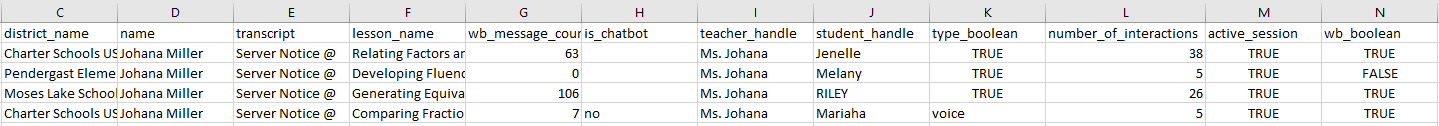
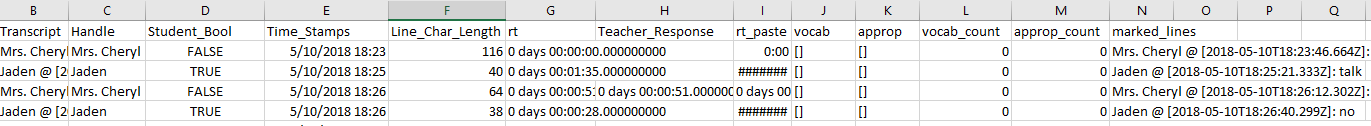
# Input CSV Sample:



# After filter – Original DF



# Transcript DF – Each Transcript is Made into It’s Own Dataframe. Here is an example of 1.



Summary data from Transcript\_df is then returned back up to the original DF as new columns . For example student\_bool and line\_char\_length are used to figure out average\_teacher\_response\_length

# DF with Each Transcript Summary Data Columns (columns O-U)

