ETL Project

Extract Transform and Load Project Data Visualization and Analytics Cohort 6  
Here is our project proposal for the 7th March 2020

TEAM MEMBERS  
Mercy Auma, Onome Hunt, Stacey Ruelle

OVERVIEW

The purpose of this project is to transform cell phone reviews dataset extracted on 12-26-2019 from Amazon and load into a SQL database. The first dataset includes details about the cell phone while the second dataset includes the ratings for the cell phones.

DATA SOURCES  
<https://www.kaggle.com/grikomsn/amazon-cell-phones-reviews#20191226-reviews.csv>

MILESTONES

* Identify the data
* Analyze data
* Create SQL database and tables
* Extract data
  + Read the raw data into the data frames
* Transform the data
  + Remove items without the price.
  + Remove NAN
  + Rename columns.
  + Group data to get average ratings for each phone model.
  + Rounded off the average rating to one decimal place.
  + Merge Data frames
* Load final data frame into the phone rating table.