**EDA AND PREPROCESSING WORKSHOP INSTRUCTIONS**

**STEP 1:** View attached presentation. Make sure you understand the following:

* What Exploratory Data Analysis (EDA) is and when to do it
* Why EDA is important
* What Data Preprocessing is
* The Basics Methods of Data Preprocessing including Label Encoding, Standardization, and Normalization.

**STEP 2:** Download the following Files (Some are Jupyter Notebooks, some text files):

* + [**Sample ML Workflow**](https://d.docs.live.net/22e957f1453f5946/Documents/Career%20Development/Data%20Science%20Club/Workshops/DataPreprocessingWorkshop/SampleWorkflow.ipynb)
    - [Playlist Songs](https://d.docs.live.net/22e957f1453f5946/Documents/Career%20Development/Data%20Science%20Club/Workshops/PolarsWorkshop/oltp_output1.csv)
    - [File Schema](https://d.docs.live.net/22e957f1453f5946/Documents/Career%20Development/Data%20Science%20Club/Workshops/DataPreprocessingWorkshop/playlist_songs_schema.txt)

**STEP 3:** Download and complete the following challenges:

* **Challenge ML Workflow**
  + **Description:** Complete the challenges in the Jupyter Notebook below. Make sure to download the datasets:
    - [**Challenge ML Workflow**](https://d.docs.live.net/22e957f1453f5946/Documents/Career%20Development/Data%20Science%20Club/Workshops/DataPreprocessingWorkshop/ChallengeWorkflow.ipynb)
      * [Used Car Listings](https://d.docs.live.net/22e957f1453f5946/Documents/Career%20Development/Data%20Science%20Club/Workshops/DataPreprocessingWorkshop/unclean_listings.csv)