DATAKLIQ COHORT 5 ASSIGNMENT

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**A SUMMARY OF DATA CLEANING AND DATA TRANSFORMATION**

The Power Query Editor in Excel is a powerful tool that allows you to import, transform, and refine your data. Here are some key features and uses:

1. Data Import: Connect to various data sources, such as databases, web pages, and text files.

2. Data Transformation: Clean, filter, pivot, and aggregate data with ease.

3. Data Modelling: Create data models to relate different tables and perform complex calculations.

To access the Power Query Editor in Excel:

1. Go to the "Data" tab in the ribbon.

2. Click "New Query" or "From Other Sources."

3. Select your data source.

4. Click "Connect" to open the Power Query Editor.

Some common uses of Power Query Editor include:

- Cleaning and pre-processing data for analysis

- Merging and combining data from multiple sources

- Creating custom data views and reports.

- Automating data updates and refreshes.

To create a Power Query in Excel, go to the Data tab, click on the Get Data button, select the data source, specify import options, apply transformations in the Power Query Editor, and load the data back to the worksheet.

Get data allows to retrieve data from different source or data connector could be csv document, xlsx, text, pdf, web and json. Power query editor is an embedded tools in Microsoft excel spreadsheet and also Microsoft Power Business Intelligent tool for Data cleaning and data transformation which implies as Extract, Transform and Load.

ILLUSTRATION

Open an Excel Spreadsheet, search for Data and click on Get data, these will display data connector that will allows you extract data.

Select the particular file extension you want work on maybe a csv or xlsx document.