**What does a Data Analyst do?**

A data analyst collects, cleans, and interprets data sets in order to answer a question or solve a problem. They can work in many industries, including business, finance, criminal justice, science, medicine, and government.

Data analysts conduct the process of gleaning insights from data to help inform better business decisions. The process of analyzing data typically moves through five iterative phases:

***1. Identify the data you want to analyze***

***2. Collect the data***

***3. Clean the data in preparation for analysis***

***4. Model/Analyze the data***

***5. Interpret the results of the analysis***

**What tools do Data Analysts use?**

**-Microsoft Excel  
-SQL  
-Tableau  
-R or Python  
-SAS  
-Microsoft Power BI  
-Jupyter Notebooks**