4.1

1. Write 2 to 3 sentences on why Python is so popular among data analysts.
   * It is a flexible coding language that allows users to work with large data sets on a free platform.
2. After doing some research, name the 5 top companies in the world that use Python (either as a tool for software engineering or for analytics).
   * **Intel, IBM, NASA, Pixar, Netflix**
3. For each of the following scenarios, explain what tool you would use and why
   * You have a small data set that needs some quick tweaks and minor analysis. You’ll need to filter some columns and make a quick chart.
     1. excel
   * You need to retrieve some portion of data from a very large database.
     1. sql
   * You have a data set with 15,000,000 rows and 350 columns that needs to be sorted and prepared for a more advanced analysis.
     1. Python

Graphical user interface, application

Description automatically generated