

1. Python's popularity among data analysts can be attributed to its simplicity and readability, making it accessible to individuals of varying programming skill levels. Its extensive ecosystem of libraries and frameworks, such as Pandas for data manipulation, NumPy for numerical analysis, and Matplotlib for data visualization, streamlines complex data analysis tasks. Additionally, Python's strong community support ensures a wealth of resources and solutions for data analysts to leverage, further enhancing its appeal.
2. The top 5 companies worldwide that use Python include Netflix, Google, Meta, Spotify, and Uber.
3. Small data set tweaks and analysis: Excel's user-friendly interface is ideal for small datasets, allowing quick modifications, filtering, and fundamental analysis with built-in charting features.

Retrieving data from an extensive database: SQL is best for efficiently querying and managing large databases, allowing for precise data extraction through complex queries.

Ample dataset preparation for analysis: Python's powerful libraries for data manipulation and preparation for advanced analysis make it suitable for processing large datasets (15,000,000 rows and 350 columns).

