**Matplotlib to a real-world situation and dataset**.

As a new senior data analyst at Pymaceuticals, Inc., I am tasked with analyzing data from a recent animal study on squamous cell carcinoma (SCC), a common skin cancer. The study involved 249 mice treated with various drug regimens, including Pymaceuticals’ Capomulin, over 45 days. My responsibilities include generating tables and figures for the technical report and providing a summary of the study's findings to compare the effectiveness of Capomulin with other treatments.