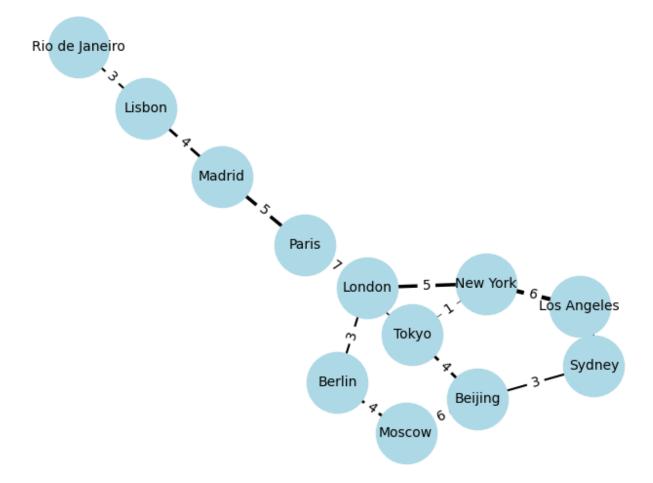
## Extended Network Analysis of Flights Between Major Cities



## Legend:

- Nodes (Circles): Represent major cities.
- **Edges (Lines)**: Represent the number of flights between cities. The thickness of the line is proportional to the number of flights.

• **Labels on Edges**: Indicate the exact number of flights between the respective cities.

## **Findings:**

- London remains a major hub, connecting directly to Paris, Berlin, and New York.
- Beijing shows increased connectivity, with direct flights to Tokyo, Sydney, and Moscow.
- The Americas are represented by flight paths connecting Los Angeles, New York, and Rio de Janeiro through intermediary cities.
- The **highest frequency route** is still between **London and Paris** with 7 flights.
- Europe showcases a denser connection with cities such as Madrid, Paris, Berlin, and Lisbon all being interlinked.