Q1) What are the different Tableau files?

* Workbook, Packaged Workbook, Data Source, Packaged Data Source, Data Extract, Bookmark, Map Source, and Preference file.

Q2) Explain Charts, Tables and Filter in Tableau.

* Charts are graphical representations of data, such as bar charts, line charts, scatter plots, Heat map, Tree map, Gantt chart, Histogram .
* Tables, on the other hand, are simple spreadsheets that display data in rows and columns.
* Filtering is the process of sorting and narrowing down the data to show only the pieces that meet specific criteria.
* Quick Filter: Interactive filters added to dashboard or worksheet enabling users to filter data easily.
* Context Filter: Context filters filter data before other filters are applied.
* Extract Filters**:** Filters applied when creating an extract from a data source, allowing users to filter the data before extracting it into Tableau.

Q3)Why should you use Tableau?

Tableau is a widely used data visualization tool offering several advantages, making it a popular choice for data analysis and visualization.

* User friendly with drag & drop functionality.
* It supports various data sources including databases , spreadsheets, cloud services and more.
* Provides capabilities for real-time data analysis and visualization, enabling users to connect to live data sources and update visualizations in real-time as new data comes in
* Integration with analytics tools and statistical languages like R and Python, allowing users to enhance their analyses by incorporating advanced statistical modeling, predictive analytics, and machine learning capabilities.

Q4) Create Dashboard and Stories in Tableau

. 