

# Machine Task: Building a Dashboard

## Backend (Provided):

The backend code is already provided. It's a Node.js server using Express with three API endpoints:

**/api/table** to provide sample data for a table.

**/api/pie-chart** to provide sample data for a pie chart.

**/api/graph** to provide sample data for a graph.

## Frontend (React):

**Develop a React dashboard with the following components:**

- A table component that fetches and displays data from the **/api/table** endpoint.
- A pie chart component that fetches and visualizes data from the **/api/pie-chart** endpoint.
- A graph component that fetches and displays data from the **/api/graph** endpoint.

Utilize the provided UI design and assets for the dashboard.

## Provided Files:

Dashboard UI and Assets has been provided in the Repository.

## Instructions:

Fork this repository: <https://github.com/ArabIndustriesInc/Reactmachinetask.git>

Use the provided backend code for API endpoints.

Create the React frontend with the specified components.

Use the provided UI design and assets to implement the dashboard.

Commit your code regularly and provide clear commit messages.

Include a README file with instructions on how to run your application.

Use any additional libraries or frameworks as you see fit.

The developed UI should align with the design provided.

The completed task should demonstrate effective communication between the frontend and backend, as well as a visually appealing and responsive UI.

**Submission:**

Share the link to your GitHub repository.

**Note:**

Feel free to include any additional features or improvements that you believe would showcase your skills as a React UI developer.