

plugging into the future: an exploration of electricity consumption patterns using tableau

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PROJECT NAME	plugging into the future: an exploration of electricity consumption patterns using tableau
MAXIMUM MARKS	4 MARKS

Step 1: Create / Login to Kaggle Account

1. Go to: <https://www.kaggle.com>
2. Click Sign Up (if new user) or Sign In
3. Complete email verification

Step 2: Search for Electricity Dataset

1. In the search bar, type:
"Electricity Consumption Dataset"
2. Choose a dataset such as:
 - Household electricity consumption
 - Global power consumption
 - Energy usage by country
3. Click on the dataset you prefer

Step 3: Download the Dataset

1. Click the Download button
2. The file will download as a ZIP file
3. Extract the ZIP file
4. You will get files like:
 - .csv
 - .xlsx

For Tableau, CSV format is recommended.

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PART 2: Connect Kaggle Dataset to Tableau Desktop

Tableau Desktop is developed by Salesforce.

Step 1: Open Tableau Desktop

1. Launch Tableau Desktop
2. On the left side under Connect, choose:
 - To a File
 - Click Text File (for CSV)OR
 - Click Microsoft Excel (for .xlsx)

Step 2: Select Dataset File

1. Browse to the folder where you extracted the Kaggle dataset
2. Select the .csv file
3. Click Open

Step 3: Load Data into Tableau

1. Tableau will open the Data Source page
2. Drag the sheet/table into the canvas (if needed)
3. Click Sheet 1

Now your dataset is successfully connected

