

# **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

