

## Assignment - Tableau [Major]

Grading Parameters	Marks
General Requirements	10
Visualization Quality	10
Data Analysis Precision	10
Visual Formatting	10
Dashboard Presentation	10
Total Marks	50

**Download the dataset from the below link:**

 [superstore dataset](#)

### **Problem Statement :**

You've been provided with a sample file with some data. Perform the following tasks in the worksheet and submit answers along with a tableau book.

The sample data contains 9995 records with 21 columns of information  
The above dataset is a sample dataset for a superstore

## Metadata

- Row ID => Unique ID for each row.
- Order ID => Unique Order ID for each Customer.
- Order Date => Order Date of the product.
- Ship Date => Shipping Date of the Product.
- Ship Mode=> Shipping Mode specified by the Customer.
- Customer ID => Unique ID to identify each Customer.
- Customer Name => Name of the Customer.
- Segment => The segment where the Customer belongs.
- Country => Country of residence of the Customer.
- City => City of residence of the Customer.
- State => State of residence of the Customer.
- Postal Code => Postal Code of every Customer.
- Region => Region where the Customer belong.
- Product ID => Unique ID of the Product.
- Category => Category of the product ordered.
- Sub-Category => Sub-Category of the product ordered.
- Product Name => Name of the Product
- Sales => Sales of the Product.
- Quantity => Quantity of the Product.
- Discount => Discount provided.
- Profit => Profit/Loss incurred.

## General requirements

- 1) Dashboard size is **1250 px wide by 750** px tall.
- 2) Prefer using containers.
- 3) The dashboard has a maximum of **5** containers.
- 4) The filter pane consists of **category, sub-category, region, segment**
- 5) Do proper formatting.
- 6) Total **3** charts which should be placed horizontally one after the other.
- 7) Dashboard title "**Executive sales**".

**Q 1) ⇒ Create the dashboard following the general requirements**

**In the dashboard following sheets required**

- 1) The first sheet should have a total discount, profit, quantity and sales (KPI format preferred means only number- no chart)
- 2) The second sheet shows monthly sales per year
- 3) The third sheet shows the monthly profit per year

**Q 2) ⇒ Answer the following questions**

- 1) Top 5 cities that bear a **maximum** loss
- 2) Which is the region with the **highest** sales?
- 3) Name the category in the region with the **highest** sales
- 4) Which state has the **highest** quantity of orders?

## **Steps To Submit Tableau Assignment**

### **Step 1: Save the Tableau File:**

- Open your Tableau Desktop application.
- Ensure you have finalized all the changes and updates to your Tableau Assignment.
- Click on the "File" menu in the top left corner.

### **Step 2: Save As:**

- Select "Save As" to choose the location where you want to save the Tableau file.
- Choose a suitable folder and provide a meaningful name for the file. Tableau files have a .twbx extension.

### **Step 3: Close the Assignment:**

- Close the Tableau Assignment after saving it.

### **Step 4: Create a New Word Document**

- 1) Open Microsoft Word or any word processing software.
- 2) Create a new document and give it a suitable title, such as  
**"Tableau Assignment Submission - (Your Name)"**

### **Step 5: Add Screenshots of Visualizations for each question in the assignment:**

- 1) Type the question number and description.
- 2) Take a screenshot of your Solution.
- 3) Paste the screenshot into the Word document.

### **Step 6: Save Your Document**

- 1) Click on the "**File**" menu in Word.
- 2) Select "**Save As**."
- 3) Choose a location on your computer where you want to save the document.

### **Step 7: Create a New Folder (Optional):**

- If desired, create a new folder where you'll store the zipped file and the document.

### **Step 8: Select Files:**

- Locate the saved Tableau file (.twbx) and the Word document on your computer.

### **Step 9: Compress (Zip) the File:**

- Right-click on the saved .twbx file.
- Choose "Send to" or "Compress" (depending on your operating system) to create a compressed (zipped) folder containing the .twbx file and Word Document.

### **Step 10: Rename the Zip File (Optional):**

- You can right-click on the newly created zip folder and choose "Rename" to give it a more meaningful name.

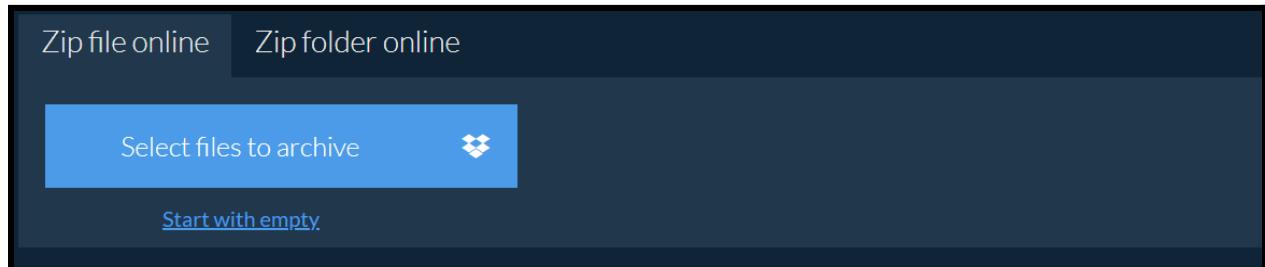
### **Step 11: Submit the Zip File:**

- Submit the Tableau Assignment (email, online platform, etc.), and attach or upload the zipped folder on the testbook link.

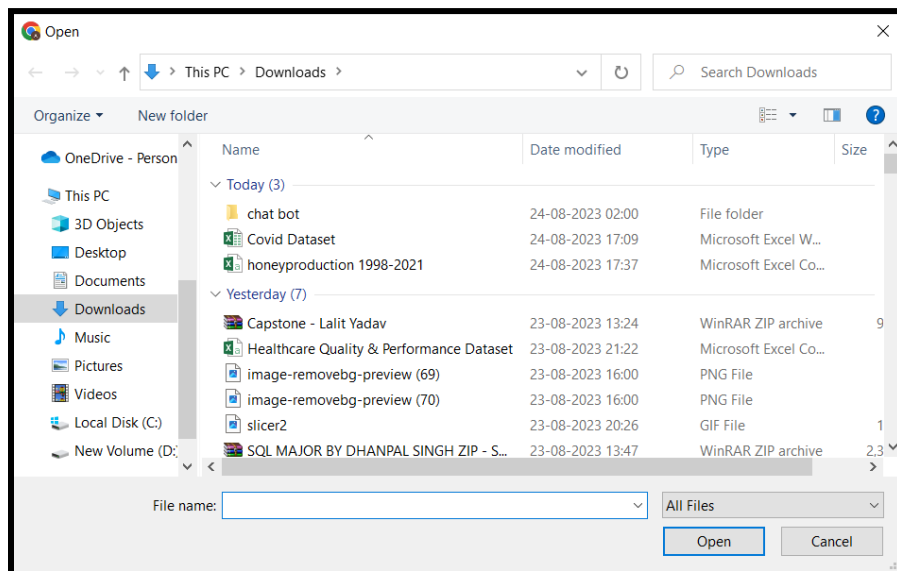
# How To Zip Your File & Submit Assignments

**Step 1:** Open the [Ezyzip Website](#) on your Web Browser

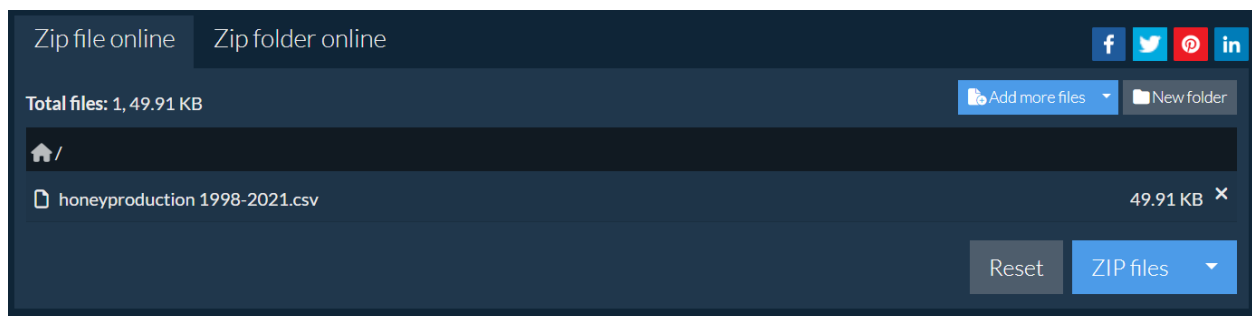
**Step 2:** Click on “Select files to archive”



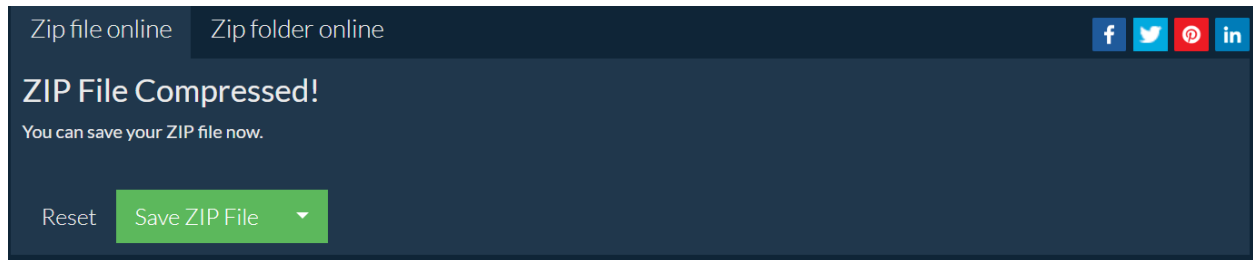
**Step 3:** Select Your Assignment File From Its Location To Upload



**Step 4:** Once The Upload Is Done, Zip The file by clicking on “ZIP files”



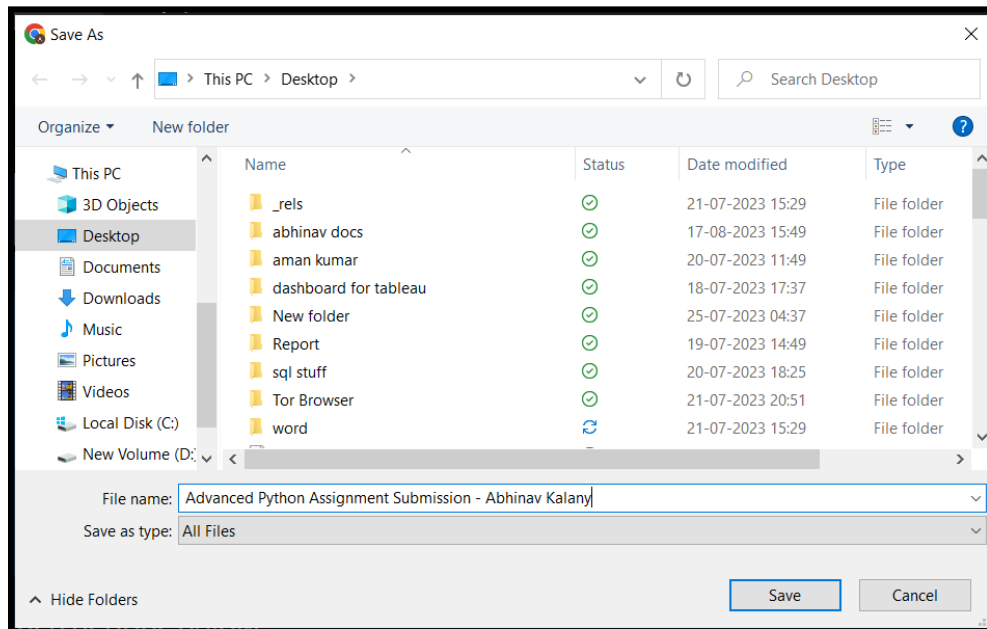
**Step 5:** Once The ZIP File Is Compressed Click on Save ZIP File



**Step 6:** Name This Zip File While Saving Into Your Local folder

→ **Name Format:**

"(Assignment name)Assignment Submission - (Your Name)"



**Step 7:** Once Saved, Submit This ZIP File On Your Skillacademy Assignment Submission Portal