**Task Overview:**

You are a data analyst working for a company that has provided you with an employee dataset. Your job is to clean, filter, manipulate, and analyze this dataset to provide meaningful insights to the company's HR department. Using the skills you’ve learned in Week 2, complete the following tasks and submit the results.

**Dataset: employee\_data.csv**

### ****Task Questions:****

1. **Load the dataset and inspect its structure.**
   * Read the dataset into a Pandas DataFrame and display the first five rows.
   * Check for any missing values in the dataset.
2. **Handle missing values.**
   * Fill any missing values in the Bonus column with zeros.
   * Ensure there are no missing values in the EmployeeID, Name, and Salary columns.
3. **Filter and select data.**
   * Filter out employees who earn more than 100,000 in salary.
   * Select and display the columns EmployeeID, Name, Salary, and Department for these employees.
4. **Group and aggregate data.**
   * Group the data by Department and calculate the average salary and total bonus for each department.
5. **Sort the data.**
   * Sort the employees by HireDate to display those who have been with the company the longest.
6. **Save results.**
   * Save the filtered high earners and department aggregation results to two separate CSV files (high\_earners.csv and department\_aggregation.csv).