Here's a structured and concise **lab report draft** for your **Lab 2 Assignment**, based on the content in LAB2 ASSIGNMENTS.xlsx and labsheet2.pdf:

**🔹 Short Title:**

**Measures of Dispersion using Excel**

**🔹 Objective:**

To compute **absolute** and **relative measures of dispersion** (Range, Quartile Deviation, Standard Deviation, and their coefficients) for:

1. Individual Series
2. Discrete Series
3. Continuous Series

**🔹 Description:**

In this lab, Excel was used to calculate key statistical measures for three types of data distributions:

* **Individual Series** – Ungrouped values
* **Discrete Series** – Values with respective frequencies
* **Continuous Series** – Class intervals with frequencies

The formulas applied include:

* **Range** = Largest value − Smallest value
* **Quartile Deviation (Q.D.)** = ½(Q3 − Q1)
* **Standard Deviation (σ)** using built-in Excel formula
* **Coefficient of Range** = (L − S)/(L + S)
* **Coefficient of Q.D.** = (Q3 − Q1)/(Q3 + Q1)
* **Coefficient of Variation (C.V.)** = (σ/Mean) × 100%

**🔹 Question:**

For the given datasets in three forms (individual, discrete, continuous), calculate the following using **Excel**:

* Mean, Median
* Range, Quartile Deviation, Standard Deviation
* Coefficient of Range, Coefficient of Q.D., Coefficient of Variation

Refer to the three assignments provided in labsheet2.pdf and complete the calculations in LAB2 ASSIGNMENTS.xlsx.

**🔹 Output:**

All calculations are presented in the Excel file:  
📄 LAB2 ASSIGNMENTS.xlsx  
Each dataset is calculated in separate sheets (or sections) with Excel formulas applied for:

* AVERAGE(), MEDIAN(), STDEV.P(), QUARTILE(), MIN(), MAX()

**🔹 Conclusion:**

This lab helped develop practical skills in using Excel for statistical analysis. By computing absolute and relative measures of dispersion, we gain a clearer understanding of how data varies in different types of distributions. These measures are essential for comparing consistency across datasets.

Let me know if you'd like help formatting the Excel file into a printable table or want to export the outputs into Word or PDF format for final submission.