Power BI April Batch Student Zoom Attendance Analysis Project

As an Instructor, I want to know:

✅ Average session **duration per participant** (to see how long attendees staye

✅ Total participant minutes per session (helps understand cumulative engagement).

✅ Distribution of participant durations (who attended the **full session vs. who left early**).

✅ Total number of **unique participants** across sessions.

✅ **Average number of participants per session**.

✅ **Top 5 most engaged participants** (based on session duration).

✅ Attendees **who joined but left early** (drop-off rates).

Dropout Analysis & Student Retention

✅ **Identifying Dropouts**:

- Initially, there were 35-45 **students**, but now approximately **25 remain**. Why?
- A student is **considered to have dropped out** if they **miss 3 consecutive weeks** of live sessions.
- The system should **flag students** who haven't attended for 3+ weeks.

✅ **Last Attendance Date**:

- For each student who dropped out, find their **last session date** before they stopped attending.

✅ **Dropout Trend Analysis**:

- Track how **dropouts occurred over time** (e.g., per week, month).
- Identify any **patterns** (e.g., high dropout rates in certain months or after specific sessions).

✅ **Retention Rate Analysis**:

- Compare **retention trends** across months (e.g., % of students who remain active).
- Identify students who **attend irregularly** but haven't dropped out yet.