Power BI Assignment Instructions

# 📌 Why This Assignment?

This Power BI project is designed to help you apply everything you’ve learned so far in a real-world scenario. Instead of just practicing formulas or charts separately, this assignment will show you how all the steps—data loading, cleaning, modeling, DAX, time intelligence, visualization, and storytelling—come together to solve a real business problem.  
  
It’s more than just building a dashboard. You’ll think like a real Business Intelligence Analyst—helping a company make data-driven decisions using your insights.

# 🛠️ Skills You Will Develop

By completing this project, you will improve the following hands-on, job-ready skills:

|  |  |
| --- | --- |
| Skill Area | What You’ll Learn/Apply |
| Data Cleaning | Removing inconsistencies and shaping raw data using Power Query |
| Data Modeling | Creating relationships between tables and building a data model |
| DAX Calculations | Writing measures using SUM, CALCULATE, TIME INTELLIGENCE, etc. |
| Dashboard Design | Creating multi-page, interactive dashboards using slicers and KPIs |
| Insight Generation | Extracting useful business insights from data patterns |
| Business Storytelling | Communicating findings through clear visuals and explanations |
| Analytical Thinking | Answering real business questions through analysis |
| Client-Focused Delivery | Structuring dashboards for decision-makers, not just analysts |

# 📤 How to Submit

Please follow these instructions carefully:  
  
1. ✅ File to Submit:  
 - Your `.pbix` Power BI project file  
 - Optional: A short PDF or text note with your key insights (Descriptive Analysis Page)  
  
2. 🗂️ Submission Method:  
 - Upload your assignment to Google Classroom under the provided assignment link.  
 - Make sure the file is named properly: `YourName\_PowerBI\_Project.pbix`  
  
3. 🕒 Deadline:  
 - Late submissions may result in reduced marks unless prior notice is given.

# 🧠 Support

This assignment is designed to encourage independent problem-solving—just like you'd do in the real world.  
  
If you face any confusion, we encourage you to solve it by exploring on your own using trusted resources like:  
  
- 🔍 Google – a great place to start for error messages and DAX solutions  
- 📺 YouTube – thousands of step-by-step Power BI tutorials available  
- 💬 ChatGPT – for clarification, explanation, or code guidance  
- 📚 Microsoft Learn / Documentation – for advanced users  
  
Please note that:  
❌ No technical support will be provided from our side for this assignment.  
This is your opportunity to figure things out, try, fail, search, try again—and grow through the process.  
  
Treat this assignment like your own challenge. Solve as much as you can by yourself. That’s where real learning happens. 💪