

PowerBI Data Visualization Project Completion



Hello, data enthusiasts!

I'm thrilled to share my recent accomplishment: a hands-on PowerBI project completed as part of the NC296 class at the University of Science. This project was a deep dive into retail sales data, where I designed data models, created measures, and developed insightful visualizations.

Project Overview

The project consisted of three main dashboards:

1. **Store Sales Overview:** This dashboard provides an overall view of store performance, including total sales, sales variance, and sales distribution across various store types and chains.
2. **District Monthly Sales:** This visualization highlights monthly sales performance across different districts, showcasing trends and sales variances.
3. **New Stores Analysis:** A detailed analysis of new store openings, their impact on sales, and geographical distribution, including sales per square foot.

Each dashboard was created using PowerBI's powerful features, incorporating various visualizations like map charts, line charts, pie charts, and scatter plots to provide actionable insights.

Explore the Project

You can explore the full project, including the source code and documentation, on [my GitHub repository](#).

Data Insights

The project utilized data from five CSV files covering [districts](#), [items](#), [stores](#), [sales](#), and [time periods](#). Key measures and calculations were developed to answer 19 specific questions as part of the assignment's objectives.

Challenges & Learnings

One notable challenge was sorting the "Open Month" data chronologically in the "New Stores Analysis" dashboard. Despite the efforts, this issue remains a learning point and will be addressed in future enhancements.

Next Steps

I'm excited to announce that I'm now working on my next project – the final assessment of class NC296 – which will involve developing a complete dashboard for Adventure Works. Stay tuned for updates on this exciting new project!

Thank you for your support and interest. Feel free to connect if you'd like to discuss the project or PowerBI in general!

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