

**9 PROJECTS**

**EXCEL**

**TABLEAU**

**POWER BI**

**& PYTHON**



# EXCEL

Project Name	Skill	Level	Description
Sales Analysis Dashboard	Data cleaning, PivotTables, Charts	1	Analyze sales data across regions and products to identify trends and areas for improvement
Inventory Optimization	VLOOKUP, Conditional Formatting, Forecasting	2	Optimize inventory levels by forecasting demand and analyzing stock turnover
Financial Modeling & Valuation	Data analysis, NPV, IRR, Scenario analysis	3	Evaluate a company's financial performance and value by building a comprehensive financial model



# TABLEAU &

# POWER BI

Project Name	Skill	Level	Description
Regional Sales Performance	Data visualization, Basic calculations	1	Create an interactive dashboard to track and compare regional sales performance
Customer Segmentation	Clustering, Advanced calculations	2	Segment customers based on their behavior and preferences to improve marketing strategies
Time Series Forecasting	Trend analysis, Predictive modeling	3	Forecast future sales, revenue, or other key metrics using historical time series data



# PYTHON

Project Name	Skill	Level	Description
Exploratory Data Analysis (EDA)	Data cleaning, Pandas, Matplotlib, Seaborn	1	Clean and analyze a dataset, then create visualizations to reveal patterns and trends
Sentiment Analysis	NLP, Text preprocessing, Machine learning	2	Analyze social media or customer reviews to gauge sentiment and identify areas for improvement
Anomaly Detection	Time series analysis, Unsupervised learning	3	Detect unusual patterns or outliers in data, such as fraud or system failures



# **YOU DID IT!**

## **HOORAY!**

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when you share your  
projects. I look forward to  
seeing them!

