

⚙️ Configuration

Enter your Google Gemini API Key 🔑

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✅ Gemini API Key Loaded
Successfully!

Dataset downloaded to:
/home/appuser/.cache/kagglehub/datasets/rohitsahoo/sales-forecasting/versions/2

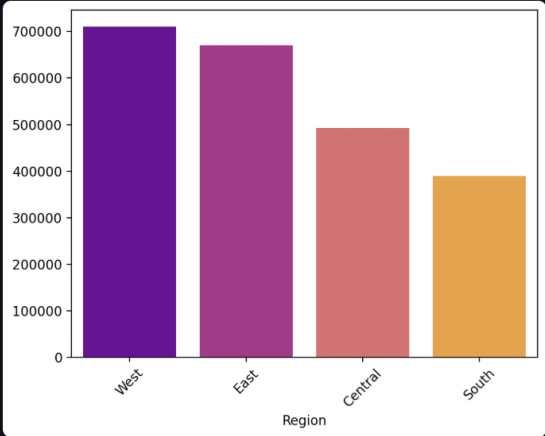
Data processed
successfully!

📊 AI-Powered Sales Forecaster & Insights Engine 🔗

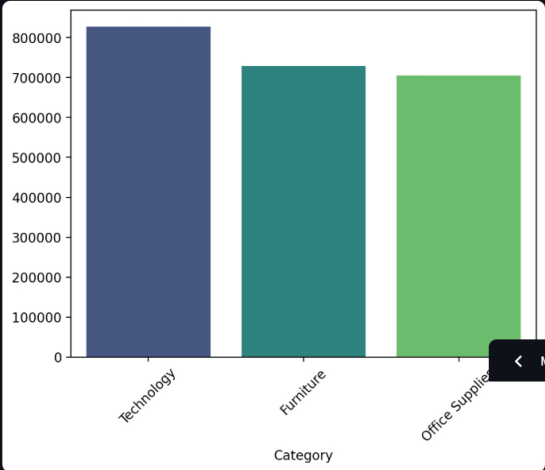
This application automatically downloads the required sales data, forecasts future trends, and generates a business summary using Generative AI.

📊 Business Intelligence Dashboard

Sales by Region

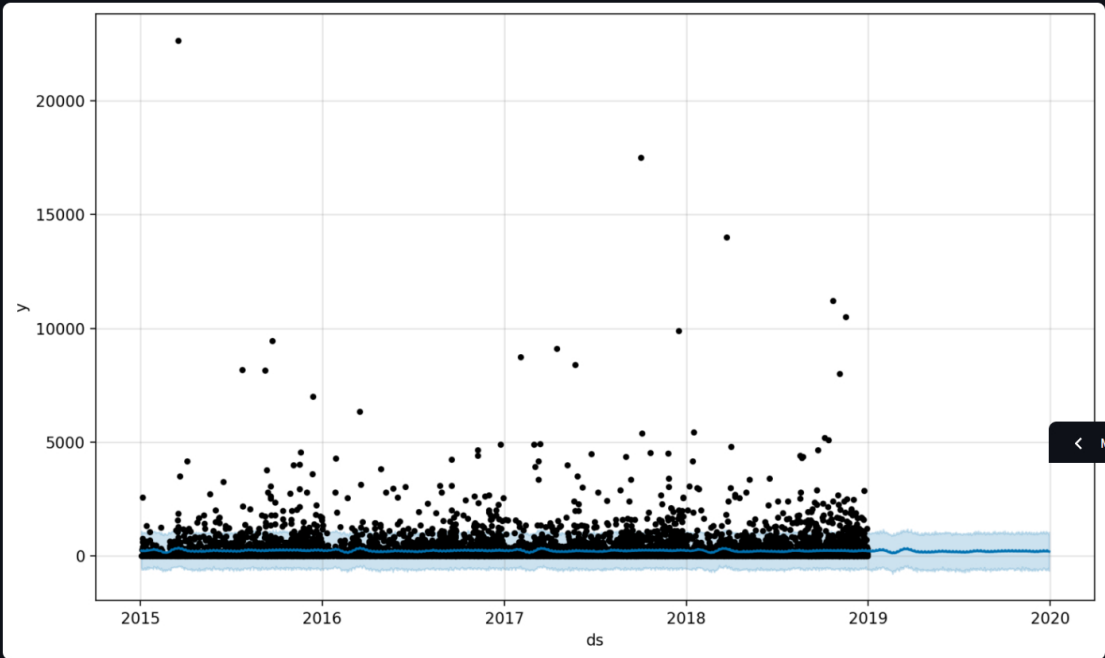


Sales by Category



Manage app

📈 Sales Forecast for the Next 12 Months



Manage app

📄 AI-Generated Business Summary

The sales forecast for the next twelve months projects a total revenue of \$76,096.78. This represents a significant year-over-year decline of 87.32%, indicating a substantial downturn in overall sales performance. Immediate attention should be given to understanding the underlying causes of this dramatic decrease.

Despite the overall negative trend, the Technology product category emerged as the top performer, suggesting a potential area for strategic focus and growth. Further investigation into the success factors within this category may reveal opportunities to replicate this performance across other product lines. The West region also outperformed other sales regions, highlighting a potential geographical advantage worth exploring.

In conclusion, while the overall sales forecast is concerning, the data points to potential areas for strategic intervention. A deeper dive into the reasons behind the substantial YoY decline, coupled with leveraging the success of the Technology category and the West region, is crucial for mitigating the projected losses and returning the company to a positive growth trajectory.

