Sales Dashboard Documentation

Ludovic Lafon

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1 Introduction

1.1 Purpose of the Document

This document provides comprehensive documentation of the sales dashboards developed using Tableau. It is intended for sales managers, business executives, and analysts who will be using these dashboards to monitor and analyze sales performance.

1.2 Overview of the Sales Dashboard

The sales dashboards include the Homepage Dashboard, Revenue Dashboard, Product Performance Dashboard, Sales Team Dashboard, and Pipeline Analysis Dashboard. Each dashboard is designed to provide insights into different aspects of the sales process, from overall revenue to individual sales agent performance.

1.3 Importance of Sales Dashboards

Sales dashboards are crucial for making data-driven decisions. They allow for real-time tracking of key performance indicators (KPIs), identification of trends and patterns, and optimization of sales strategies.

1.4 Data Sources

The dashboards integrate data from a fictional company's CRM system, which is available on Kaggle. The dataset includes information about customer interactions, sales activities, and opportunities. The data was cleaned, transformed, and integrated using Pandas in a separate Python notebook file, which is available on GitHub.

1.4.1 About the Dataset

Description: This dataset contains information about customer interactions, sales activities, and opportunities from a fictional company's CRM (Customer Relationship Management) system. The dataset is designed to help data scientists and analysts understand the sales process, identify trends and patterns, and build predictive models to improve sales performance.

Features:

- Customer information (demographics, firmographics, etc.)

- Sales activities

- Opportunity data (deal size, stage, probability, etc.)

- Product/service information

- Sales team and performance metrics

- Time-series data (daily/weekly/monthly sales, etc.)

Use Cases:

- Predicting won/lost opportunities

- Forecasting deal size

- Identifying key drivers of sales performance

- Optimizing sales team performance

- Analyzing customer behavior and preferences

This dataset is perfect for data scientists, analysts, and students looking to practice their skills in:

- Predictive modeling

- Data visualization

- Sales analytics

- Customer relationship management

Get started: Download the dataset and start exploring!

1.5 Dashboard Specifications

1.5.1 Dashboard Requirements

Key Metrics and KPIs:

- Total Revenue

- Deal Conversion Rate

- Average Deal Size

- Sales by Product

- Top Performing Sales Agents

- Sales Pipeline Status

- Win Rate

- Average Sales Cycle Length

- Revenue by Sector

- Customer Acquisition Cost (CAC)

- Customer Lifetime Value (CLV)

- Lead Response Time

- Deal Stage Duration

- Regional Sales Performance

- Sales Forecast Accuracy

User Stories:

- As a Sales Manager, I want to see the total revenue generated by the sales team to assess overall performance.

- As a Business Executive, I want to analyze the deal conversion rate to understand the efficiency of the sales process.

- As a Potential Client, I want to see the top-performing products to understand the company's product strengths.

- As a Regional Manager, I want to monitor the performance of sales agents in my region to provide targeted support and training.

- As a CEO, I want to see the win rate to understand the overall success rate of our sales efforts.

- As a Sales Director, I want to analyze the average sales cycle length to identify bottlenecks in the sales process.

- As a Marketing Manager, I want to understand the customer acquisition cost to evaluate the efficiency of our marketing campaigns.

- As a Financial Analyst, I want to calculate the customer lifetime value to help with financial forecasting and budgeting.

- As a Sales Trainer, I want to review the lead response time to improve training programs for quicker lead engagement.

- As a Regional Manager, I want to compare sales performance across different regions to identify high and low performing areas.

- As an Operations Manager, I want to track deal stage duration to optimize the sales process and reduce delays.

- As a Sales Analyst, I want to assess sales forecast accuracy to improve our sales planning and predictions.

- As a Business Development Manager, I want to see revenue by sector to target high-potential industries for growth.

1.6   Structure of the Document

This document is organized into several sections, each covering a specific dashboard:

- Homepage Dashboard: Overview and key metrics.

- Revenue Dashboard: Detailed revenue metrics and trends.

- Product Performance Dashboard: Insights into product sales and performance.

- Sales Team Dashboard: Analysis of sales agent performance.

- Pipeline Analysis Dashboard: Visualization of the sales pipeline stages and performance.