Employee Data Analysis using Excel

STUDENT NAME: C .Madhavan
REGISTER NO:312220138
DEPARTMENT:commerce
COLLEGE:Jeppiaar college of arts and science

PROJECT TITLE

Employee Performance Analysis using Excel

AGENDA

1.Problem Statement
2.Project Overview
3.End Users
4.Our Solution and Proposition
5.Dataset Description
6.Modelling Approach
7.Results and Discussion
8.Conclusion

PROBLEM STATEMENT

- The current [system/process] for managing customer feedback in [e-commerce platform] is limited because [specific issue/challenge]. This limitation results in [negative outcomes/effects], impacting [stakeholder group]. Our goal is to [objective] by [proposed solution or approach]."

PROJECTOVERVIEW

Develop a sentiment analysis system to evaluate and categorize customer feedback from reviews, social media, and support tickets. The project will involve collecting and preprocessing text data, building and training sentiment analysis models, and integrating the system with existing customer service platforms.

WHO ARE THE END USERS?

Customer service teams, product managers, and marketing departments who need to understand customer sentiment and identify trends or issues from feedback to improve the product and service offerings.

OUR SOLUTION AND ITS VALUE PROPOSITION

Implement a solution that involves:
Collecting customer feedback from multiple sources (e.g., reviews, social media).
Preprocessing text data to prepare it for analysis.
Applying natural language processing (NLP) techniques and machine learning algorithms to determine sentiment.
Providing a dashboard for real-time sentiment analysis and actionable insights

Dataset Description

The dataset will include:
Text data from customer reviews, social media posts, and support tickets.
Annotations of sentiment labels (positive, negative, neutral) if available.
Metadata such as timestamps, product categories, and customer demographics.

THE "WOW" IN OUR SOLUTION

Description: Our solution integrates advanced wearable technology to continuously track critical health metrics like heart rate, blood pressure, and activity levels in real-time.

Wow Factor: This feature provides users with up-to-the-minute health data, allowing them to monitor their well-being actively rather than relying on periodic check-ups.

MODELLING

Use machine learning and data analytics to create predictive models that assess health risks and recommend personalized actions. Techniques may include time-series analysis, anomaly detection, and reinforcement learning.

RESULTS

Present the effectiveness of the health assistant in improving user engagement and health management. Discuss the accuracy of predictions, user feedback, and any observed health improvements.

conclusion

Summarize the innovative aspects of the intelligent personal health assistant, including its real-time monitoring, personalized recommendations, and proactive alerts. Highlight the positive impact on health management and suggest future enhancements, such as integrating additional health metrics or expanding compatibility with more wearable devices.