

REPORT

Data Analytics Project (DEPI)



Project description

Data Analytics Project (DEPI)

Project Idea 3:

Human Resources Dataset Analysis

Objectives:

- We will delve into a comprehensive analysis of our employee dataset, which comprises five key tables. Each table provides critical insights into various aspects of employee performance, satisfaction, and demographics. By examining these tables, we aim to uncover meaningful patterns and relationships that can inform strategic decisions within our organization.
- In addition to collecting additional data for comparison and taking several strategic decisions and working on preparing interactive reports, analyses and forecasts that help in making decisions and preparing this in a visual form to make it easier for decision makers to compare and create an artificial intelligence model equipped to answer any question that helps in making a decision.
- In addition to preparing a special report for each department to help it develop plans appropriate to the actual situation.

Overview of Our Data:

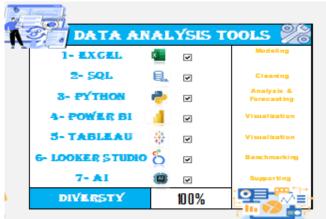
Employee Data	A comprehensive list of employees, including
	demographic details such as age, gender, marital
	status, and job roles.
Performance	Tracks individual performance metrics, capturing
Rating Data	data from employee reviews and assessments over
	time.
Education	Provides insights into the education backgrounds of
Level Data	employees, highlighting their qualifications and the
	correlation with job performance and salary.
Rating Level	Details performance ratings for employees,
<u>Data</u>	evaluating their overall contributions and
	effectiveness in their roles.
Satisfied Level	This contains information on employee satisfaction
Data	ratings, categorized by various factors such as job
	satisfaction and work-life balance.

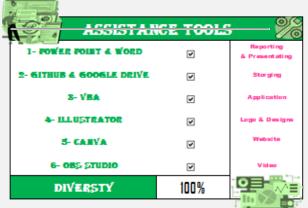
Team Members:

Data Dynamos Team	
1	Ahmed Emad Habib
2	Mohammed Elhossiny Abrabo
3	Peter Rafat Adel
4	Mohammed Amgd Marzouk
5	Zyad Sameh Mohamed

Tools:

Excel, SQL, Python, Tableau, Power Bi, Looker Studio.







Data Dynamos