



Power BI Project Details

Index	Heading	Description
1	Overview:	TechnoEdge Employee Details dataset contains information such as employee ID, name, position, salary, and attendance. This information can be used to gain insights into the company's workforce, their performance, and overall productivity.
2	Skill Pre-requisite:	
	1	Solid understanding of data visualization and analysis concepts
	2	Experience with data modeling and ETL processes
	3	Proficiency in Power BI tools such as Power Query, Power Pivot, and Power View
	4	Ability to collaborate with stakeholders
		To become a successful Power BI developer, it is essential to have a strong foundation in data analysis and visualization concepts, as well as experience with data modeling and ETL processes. In addition, proficiency in Power BI tools such as Power Query, Power Pivot, and Power View is crucial, as is proficiency in programming languages. Ability to collaborate effectively with stakeholders are also key requirements.
3	System Pre-requisite:	
	1	Operating System: Windows 10, Windows 8.1, Windows 8, or Windows 7 Service Pack 1 (32-bit and 64-bit)
	2	Processor: 1 GHz or faster x86 or x64-bit processor
	3	RAM: 1 GB (32-bit) or 2 GB (64-bit) RAM
	4	Hard Disk Space: 1 GB available disk space
	5	Display: 1024 x 768 resolution
8	Objectives	
	1	To Analyze employee attendance patterns.
	2	Identify employee qualifications and skills-Display education qualifications and skills of each employee.
	3	Determine the count of employees by department and gender-Use a bar chart to show the count of employees in each department, split by gender.
	4	Understand employee experience and salary.
	5	Investigate employee age and nationality.
	6	Monitor employee performance by position- Use a table to display employee details such as position, name, and sum of salary.
	7	Identify employee emergency contacts.

	8	Analyze employee turnover rate-Create a line chart to display the count of employees who left each year.
9	Project Summary	TechnoEdge Employee Details project provides insights on employee count, salary, attendance, and department distribution using various visuals in Power BI.