Power BI Project Details

Index	Heading	Description
1	**Overview:**	"Explore TechnoEdge" Human Resources Employee Details dataset through interactive visualizations showcasing employee demographics, job positions, salaries, and performance ratings. Gain insights on employee retention, promotion patterns, and job satisfaction levels."
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	Demographic Analysis: Analyze employee demographics to understand age, gender, marital status, and education level distributions.
	2	Performance Assessment: Evaluate employee performance using ratings, job involvement, satisfaction, and tenure.
	3	Work-Life Balance Evaluation: Assess sick days, balance days, and work-life balance ratings.
	4	Tenure and Career Progression: Analyze years of service, last promotion, and job classification.

		5	Department and Group Analysis: Evaluate employee distribution across departments and groups.
		6	Compensation Analysis: Assess salary data for fairness and competitiveness.
		7	Absence Management: Understand employee absenteeism patterns and its impact.
		8	Employee Engagement Assessment: Assess job satisfaction, job involvement, and relationship satisfaction for engagement levels.
9	**Project Summary**		"Explore TechnoEdge' Employee Details through interactive visuals and gain insights on hiring trends, employee retention, and salary distribution by job type and education level."