Power BI Project Details

Index	Heading	Description
1	**Overview:**	"Explore TechnoEdge dataset on customers' banking details includes information on customer ID, name, gender, age, country, state, job classification, marital status, account type, date joined, balance, and loans taken.
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	Analyze the age distribution of TechnoEdge banking customers and identify the most common age group.
	2	Compare the average balance in the accounts of male and female customers to determine if there is a gender-based disparity in account balances.
	3	Identify the top three states with the highest number of TechnoEdge banking customers and determine the percentage of total customers they constitute.
	4	Analyze the correlation between the type of job classification and the presence of housing and other loans among TechnoEdge banking customers.
	5	Determine the percentage of married customers with housing loans and compare it to the percentage of unmarried customers with housing loans to identify any significant differences.

		6	Identify the most common account type among TechnoEdge banking customers and determine the percentage of total customers with this account type.
		7	Analyze the relationship between the length of time a customer has been with TechnoEdge and their account balance to determine if there is a correlation between the two variables.
		8	Identify the top three countries with the highest number of TechnoEdge banking customers and determine the percentage of total customers they constitute.
9	**Project Summary**		The project involves analyzing banking details of TechnoEdge customers, including their account type, balance, and loan information, to gain insights on customer behavior and preferences.