



# Power BI Project Details

Index	Heading	Description
1	<b>Overview:</b>	"Explore TechnoEdge Financial Performance with Interactive Data Analysis on Sales, Profit, and Discounts Across Product Segments and Countries."
2	<b>Skill Pre-requisite:</b>	
	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	<b>System Pre-requisite:</b>	
	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	<b>Objectives</b>	
	1	Identify the top-selling product by country and segment and determine how much profit is generated by each product.
	2	Analyze the impact of discount bands on the units sold and gross sales by product, country, and segment.
	3	Identify which months of the year generate the most sales and profit for TechnoEdge across all countries and segments.
	4	Determine the relationship between manufacturing price and gross sales, and identify any products or segments where there may be pricing issues.

		<b>5</b>	Analyze the COGS (Cost of Goods Sold) for each product and identify any that may have excessive costs, reducing overall profit.
		<b>6</b>	Evaluate the performance of each country and segment in terms of sales and profit, and identify any areas for improvement.
		<b>7</b>	Analyze the daily sales trends and identify which days of the week have the highest sales volume.
9	<b>Project Summary</b>		TechnoEdge Financial Details dataset provides insights on sales, profits, and manufacturing costs of products across countries and segments, aiding in decision-making.