

Certificate in Basics of Data Analytics and Data Visualization



Curious about data analysis and data visualization ? A Certificate in Basics of Data Analytics and Data Visualization course is the solution. The course provides a solid foundation in the essential skills and techniques required to extract meaningful insights from data. This course is designed for individuals who want to explore the field of data analytics and learn how to visualize data effectively. If you are one, don't hesitate and join the course and explore your potential.

Data analysis and visualization covers data cleaning and preparation, statistical analysis, data analysis techniques, data visualization tools and data storytelling. By pursuing a Certificate in Basics of Data Analytics and Data Visualization, you'll gain the essential skills to unlock the power of data and make a valuable contribution to your organization or career.

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Syllabus & Skills covered (60 hours)



- Create comprehensive and interactive Excel dashboards for sales performance, expense tracking, and supermarket analytics.
- Utilize advanced Excel features such as slicers, filters, and dynamic data integration to enhance dashboard functionality.
- Create and customize 2D and 3D charts to effectively visualize data trends and comparisons.
- Use advanced chart types like Pareto charts, histograms, and scatter charts to provide deeper insights into data.
- Leverage Power BI to create dynamic and visually appealing reports.
- Utilize Power Query for efficient data transformation and management.
- Write and implement VBA macros to automate repetitive tasks and streamline data analysis processes in Excel.
- Use BI tools to analyze and interpret complex data sets, providing actionable insights for business decisions.
- Customize Power BI reports with themes, dynamic titles, and interactive filters to enhance user experience.
- Create advanced visualizations such as Sankey charts, map visuals, and sunburst charts to convey information more effectively.

Career Opportunities



- Junior Data Analyst
- Reporting Analyst
- Junior Business Intelligence Analyst
- SQL Developer (Entry-Level)
- Data Visualization Specialist (Entry-Level)

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