Practical 2: Career-Oriented Presentation

Aim:

To create a career presentation using slides, transitions, and animations.

Objectives:

- To design a multi-slide professional presentation
- To apply transitions and animations

Materials Required:

- PowerPoint or Google Slides

Procedure:

Open a blank presentation-
Launch PowerPoint/Google Slides and select the option to create a new blank presentation.
This opens a fresh workspace where you will design your slides.

Create a title slide-
Insert a title slide layout and add the presentation title along with your name or subtitle.
Ensure the title is clear, readable, and visually centered on the slide.

Add minimum 7 slides-
Use the "New Slide" option to insert at least seven additional slides with appropriate layouts.
Each slide should focus on a single topic or idea for clarity.

Insert images, icons, and bullet points-
Add relevant images and icons to visually support your content.
Use bullet points to present information in a structured and easy-to-read format.

Apply a theme-
Choose a professional theme from the design options available in the software.
The theme will automatically set consistent fonts, colors, and backgrounds.

Add transitions and animations-
Apply slide transitions for smooth movement between slides.
Add animations to text or images to enhance the presentation without overusing effects.

Career orientation
Data Scientist

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INTRODUCTION

- **Who is a Data Scientist?**
- A data scientist collects, analyzes, and interprets large volumes of data.
- They use mathematics, statistics, and computer science to uncover hidden patterns and insights.
- Their work helps companies make smarter, data-based decisions.

Why Choose a Career in Data Science

- Data is the backbone of modern industries — from healthcare to finance.
- Huge career opportunities globally.
- Offers high salaries and constant learning.
- Involves creativity, logic, and technology.
- Provides the satisfaction of solving real-world problems.

CAREER ROADMAP

- Build a strong foundation in math, statistics, and computer science.
- Learn programming languages like Python, R, and SQL. Understand data analysis and visualization tools.
- Study machine learning and AI concepts. Work on projects, internships, and case studies.
- Create a professional portfolio and keep upgrading skills.

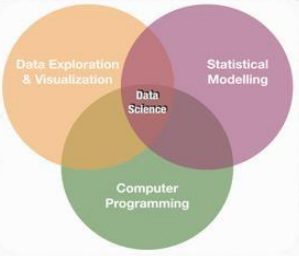
Technical Skills Required

- Programming: Python, R, SQL
- Data Analysis: Pandas, NumPy, Excel
- Data Visualization: Power BI, Tableau, Matplotlib
- Machine Learning: Scikit-learn, TensorFlow
- Big Data: Hadoop, Spark
- Statistics & Probability fundamentals

Soft Skills Required

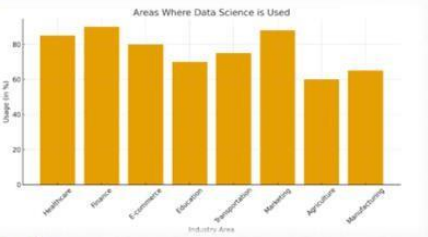
- Analytical & Critical Thinking
- Problem-Solving Attitude
- Communication & Storytelling
- Team Collaboration
- Curiosity and Continuous Learning
- Time Management

Future Scope of Data Scienc



- Data Science is among the top emerging careers worldwide.
- Increasing use of AI, automation, and predictive analytics.
- Every industry — healthcare, education, business, entertainment — depends on data.
- Opportunities to specialize in AI, Data Engineering, Deep Learning, or Cloud Analytics

Real-World Impact



- Netflix → Personalized recommendations
- Amazon → Predictive product suggestions
- Healthcare → Early disease detection
- Banking → Fraud detection and credit scoring
- Government → Policy and public service optimization