

# Personalized Learning Plan

## Create Study Schedule

Study Plan for Bachelor of Technology in Computer Science and Engineering with Specialization in AI and Data Science:

Week 1-2:

Module I - Introduction to Computer Science and Engineering

- Overview of the course structure and objectives
- Introduction to key concepts in computer science and engineering

Week 3-4:

Module II - Fundamentals of Programming

- Introduction to Python programming language
- Basic programming concepts such as variables, data types, and control structures

Week 5-6:

Module III - Data Science Fundamentals

- Introduction to data science and its applications
- Understanding data collection, cleaning, and analysis techniques

Week 7-8:

Module IV - Artificial Intelligence Basics

- Overview of artificial intelligence and machine learning
- Introduction to AI algorithms and applications

Week 9-10:

Module V - Community Building and Leadership

- Developing soft skills for effective communication and leadership
- Strategies for building and managing online communities

Week 11-12:

Module VI - Data Analytics and Visualization

- Hands-on experience with data analytics tools such as Excel, Power BI, and SQL
- Data visualization techniques for effective presentation of insights

Week 13-14:

Module VII - Advanced Topics in AI and ML

- Deep dive into advanced topics in AI and machine learning
- Practical applications of AI in various industries

Week 15-16:

Module VIII - Project Development

- Working on a capstone project integrating AI and data science concepts
- Presenting project outcomes and findings

Week 17-18:

Module IX - Internship Experience

- Reflecting on internship experiences and learnings
- Applying skills and knowledge gained in real-world scenarios

By following this study plan, you will cover a range of topics in computer science, AI, and data

science over an 18-week period. This structured approach will help you deepen your understanding of key concepts and develop practical skills for your future career in the field.

## **End of Plan**

Thank you for using Aura's Learning Plan Generator!