**Course Syllabus**

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| **Topic** | **Description** |
| Introduction to Data Science | Definition of data science, importance, and basic applications. |
| Machine Learning Algorithms | Using mathematical models or algorithms to recognize patterns, classification, or predictions about a dataset. |
| Artificial Intelligence | Creation of algorithms to create a machine capable of problem-solving capabilities like a human. |
| Data Visualization | Data representation in form of a chart, diagram, plot, etc. |
| Data Analysis | Formatting or modeling data to discover insights using algorithms. |
| Predictive Analysis | Use of data, algorithms, and models to predict outcomes based on historical data. |
| Coding (Python, SQL, C#) | Basic coding to organize unstructured data. |

https://collegedunia.com/courses/data-science/data-science-course-syllabus#a