**MANDATORY QUESTIONS – University of Hildesheim: Data Analytics (MSc)**

Please enter courses related to data analytics, for example Machine Learning, Data Mining, Pattern Recognition, Data Science, Artificial Intelligence, Multivariate Data Analysis, Operations Research, Computer Vision, and similar courses that address topics from data analytics. Please enter course names and marks exactly as stated on your transcript of records.

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| **Sl.No.** | **Course name** | **Mark achieved** |
| **1** | Fundamentals Of Computing And Programming | **80** |
| **2** | Computer Architecture | **70** |
| **3** | Cloud Computing | **70** |
| **4** | Mobile Computing | **70** |
| **5** | Artificial Intelligence | **80** |
| **6** | Internet Programming | **70** |
| **7** | Introduction To Internet Of Things | **60** |
| **8** | Robotics Process Automation | **80** |

Please enter math courses, for example Analysis, Linear Algebra, Numeric, Statistics and Probability Theory. Please enter course names and marks exactly as stated on your transcript of records.

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| **Sl.No.** | **Course name** | **Mark achieved** |
| **1** | Matrices, Calculus And Ordinary Differential Equations | **60** |
| **2** | Complex Variables, Laplace Transforms And Vector Calculus | **80** |
| **3** | Transforms And Partial Differential Equations | **60** |
| **4** | Probability And Queuing Theory | **60** |
| **5** | Discrete Mathematics | **70** |

Please enter courses related programming such as programming languages (Python, Java, C++ etc.), data structures, software engineering, and everything else related to programming. Please enter course names and marks exactly as stated on your transcript of records.

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| **Sl.No.** | **Course name** | **Mark achieved** |
| **1** | Advanced C Programming | **90** |
| **2** | Data Structures | **80** |
| **3** | Object Oriented Programming | **80** |
| **4** | Design And Analysis Of Algorithms | **70** |
| **5** | Object Oriented Software Engineering | **60** |
| **6** | Object Oriented Analysis And Design | **80** |
| **7** | Python Programming | **80** |
| **8** | Advanced Data Structures | **60** |