Coding Business Applications with R and Python - JSPD307

Faculty Coordinators	Prof. Sayan Chowdhury and Prof. Rajiv Ranjan

Credit – 2

Course workload

Contact Hours	Suggested Equivalent Coursera Course Hrs	Directed Learning Hours	Total Hours
20	5	35	60

Learning Outcomes for the Course

1. Familiarising with the software - Python and R by focusing primarily on the fundamentals such as Data structures, Libraries, Control Structures, Functions, String Manipulation and Visualisation.
2. The objective of this course is to develop skills in the analysis, interpretation, and description of data. Python and R are easy to learn, readable, dynamic, flexible, fast, and powerful tools. In this course, you will learn about the basics of R and Python programming, computation using the NumPy library, data manipulation using the pandas library, and visualizing the data using the seaborn library.
3. The objective also is to give learners a holistic overview of solving a business problem through analytics and to set up the foundations of the skills required to work with data, delivered via foundations of Python. The concepts discussed in this course will be useful throughout the program in subsequent courses.

Topics Covered

- Introduction to the Fundamentals of R Programming Language
- Introduction to Python for Data Science
- Control Statements and Plotting Graphs in R
- Python for Data Visualization

For additional details, visit : https://jagsom.edu.in/careertrack/
Meet our faculty: https://jagsom.edu.in/faculty-directory/