



Mu Sigma

DO THE MATH

# Course Announcement

## R Programming – Level 1

April 1  
2020



| Topic                             | R Programming (Level 1)   |
|-----------------------------------|---|
| Credits                           | <b>10 credits</b>   |
| Course Duration                   | <b>6 weeks</b>  |
| Learning Outcomes                 | <ul style="list-style-type: none"><li>▶ Use R for analysis and visualization</li><li>▶ Perform complex data exploration and manipulation</li><li>▶ Create reusable snippets of course at appropriate places of the code</li></ul>   |
| Module Components                 | <ul style="list-style-type: none"><li>▶ R Basics, control statements and missing values</li><li>▶ Apply functions, UDF and Introduction to dplyr</li><li>▶ Data manipulation and transformation using dplyr and tidyr</li><li>▶ String and date manipulations</li><li>▶ Visualization using R</li></ul> |
| Course Link                       | ▶ <a href="#">R Programming-Level 1</a>   |
| Pre-Requisite                     | ▶ <a href="#">R Programming-Level 0</a>   |
| Mode of Training                  | ▶ Classroom sessions  |
| Attendance for classroom sessions | ▶ 80%   |
| Criteria to attain credits        | <ul style="list-style-type: none"><li>▶ Study all the modules in the course and make sure you have received the badge</li><li>▶ Attend all the classroom sessions</li></ul>   |
| Final Assessment                  | ▶ Successfully complete the final assessment based on the case study  |
| Assessment Duration               | ▶ 2 hours (closed book)   |