

TRINEONLINE

IS 5213 Data Science and Big Data I Course Schedule

Note: Review syllabus in Moodle course for details on the late policy for this course.

Week 1: 01/06/2025 – 01/12/2025

- Due Wednesday 11:59 PM EST
 - Week 1 Discussion, Initial Post
- Due Sunday by 11:59 PM EST
 - Week 1 Discussion, Response to Peers
 - Week 1 R Programming Assignment
 - Week 1 Quiz

Week 2: 01/13/2025 – 01/19/2025

- Due Wednesday 11:59 PM EST
 - Week 2 Discussion, Initial Post
- Due Sunday by 11:59 PM EST
 - Week 2 Discussion, Responses to Peers
 - Week 2 R Programming Assignment
 - Week 2 Quiz

Week 3: 01/20/2025 – 01/26/2025

- Due Wednesday 11:59 PM EST
 - Week 3 Discussion, Initial Post
- Due Sunday by 11:59 PM EST
 - Week 3 Discussion, Responses to Peers
 - Week 3 R Programming Assignment
 - Week 3: Bonus R Programming Assignment
 - Week 3 Quiz

Week 4: 01/27/2024 – 02/02/2025

- Due Wednesday 11:59 PM EST
 - Week 4 Discussion, Initial Post
- Due Sunday by 11:59 PM EST
 - Week 4 Discussion, Responses to Peers
 - Week 4 R Programming Model Validation
 - Week 4 R Programming GGLOT
 - Week 4: Bonus R Programming GGLOT on HMEQ data
 - Week 4 Bonus R Programming GGLOT on INSURANCE data

Week 5: 02/03/2025 – 02/09/2025

- Due Wednesday 11:59 PM EST

- Week 5 Discussion, Initial Post
- Due Sunday by 11:59 PM EST
 - Week 5 Discussion, Response to Peers
 - Week 5: R Programming Random Forest/Gradient Boosting
 - Week 5: Quiz

Week 6: 02/10/2025 – 02/16/2025

- Due Wednesday 11:59 PM EST
 - Week 6 Discussion, Initial Post
- Due Sunday by 11:59 PM EST
 - Week 6 Discussion, Responses to Peers
 - Week 6 R Programming Logistics/Linear Regression
 - Week 6 Quiz

Week 7: 02/17/2025 – 02/23/2025

- Due Sunday by 11:59 PM EST
 - Week 7 R Programming PCA and TSNE
 - Week 7 Quiz

Week 8: 02/24/2025 – 03/01/2025

- Due Saturday by Mar 1st 11:59 PM EST
 - Week 8 R Programming Cluster Analysis
 - Week 8 Quiz