

Data science Program outcomes

1. **[Programming]** Students will develop relevant programming abilities.
2. **[Statistical analyses]** Students will demonstrate proficiency with statistical analysis of data.
3. **[Data Models]** Students will develop the ability to build and assess data-based models.
4. **[Statistical software]** Students will execute statistical analyses with professional statistical software.
5. **[Data management]** Students will demonstrate skill in data management.
6. **[Problem solving / Communicate]** Students will apply data science concepts and methods to solve problems in real-world contexts and will communicate these solutions effectively. Skills required for this task are: forecasting, classification, recommendation, pattern detection.