# Solent University

# Coursework Assessment Brief

# Assessment Details

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| Module Title: | Data Analytics and Visualisation |
| Module Code: | COM725 |
| Module Leader: | Dr Drishty Sobnath |
| Level: | 7 |
| Assessment Title: | AEI-TCA |
| Assessment Number: | 1 |
| Assessment Type: | Time Constrained Assessment (Set Exercise) |
| Restrictions on Time/Word Count: | 90 minutes |
| Consequence of not meeting time/word count limit: | It is essential that assignments keep within the time limit stated above. Any work beyond the maximum time length permitted will be disregarded and not accounted for in the final grade. |
| Individual/Group: | Individual |
| Assessment Weighting: | 40% |
| Issue Date: | Week starting 16th May 2022 |
| Hand In Date: | 30th June 2022 |
| Planned Feedback Date: | Within 4 working weeks after the hand-in |
| Mode of Submission: | Online via Solent Online Learning (SOL) |
| Number of copies to be submitted: | 1 |
| Anonymous Marking | No |

# Assessment Task:

One of the most important technical data scientist skills is statistical analysis and computing, mining, and processing large data sets. Visualising and communicating data is incredibly important, especially with companies that are making data-driven decisions. The field of data science comes with a steep learning curve. This assessment will challenge your understanding, concepts and analytical skills around topics covered in the class by the week before the test. The assessment will take the form of a time-constrained class test and will consist of a mixture of short questions and multiple-choice-questions. The class test will take place in an IT-lab or online.

# Assessment Criteria:

Evidence of knowledge, understanding, problem solving, implementation and professional skills will be required. Each question in the class test will show the marks it carries.

**Learning Outcomes:**

This assessment will enable students to demonstrate in full or in part the learning outcomes identified in the unit descriptors. In particular, this assessment will focus the following LO:

* Demonstrate a thorough understanding of the main statistical frameworks and core analysis techniques used in data science projects.
* Understand various methods and tools applied in the modelling and analysis of data to meet enterprise operational and decision support requirements.

# Late Submissions

Students are reminded that:

1. As this is a class test, there is no late submission possible. Please see the test date in advance and discuss the matter with your tutor if you cannot make it.
2. If this assessment is being submitted as a referred piece of work then it must be submitted by the deadline date; any Refer assessment submitted late will be regarded as a non-submission and will be awarded a zero.

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/2o-assessment-principles-regulations-temporary-amendments-for-covid-19-contingency-plans.pdf>

# Extenuating Circumstances

The University’s Extenuating Circumstances procedure is in place if there are genuine circumstances that may prevent a student submitting an assessment. If students are not 'fit to study’, they can either request an extension to the submission deadline of 5 working days or they can request to submit the assessment at the next opportunity (Defer). In both instances students must submit an EC application with relevant evidence. If accepted by the EC Panel there will be no academic penalty for late submission or non-submission dependent on what is requested. Students are reminded that EC covers only short term issues (20 working days) and that if they experience longer term matters that impact on learning then they must contact the Student Hub for advice.

Please find a link to the EC policy below:

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/2p-extenuating-circumstances.pdf>

# Academic Misconduct

Any submission must be students’ own work and, where facts or ideas have been used from other sources, these sources must be appropriately referenced. The University’s Academic Handbook includes the definitions of all practices that will be deemed to constitute academic misconduct. Students should check this link before submitting their work.

Procedures relating to student academic misconduct are given below:

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/4l-student-academic-misconduct-procedure.pdf>

**Ethics Policy**

The work being carried out by students must be in compliance with the Ethics Policy. Where there is an ethical issue, as specified within the Ethics Policy, then students will need an ethics release or an ethical approval prior to the start of the project.

The Ethics Policy is contained within Section 2S of the Academic Handbook:

<https://staff.solent.ac.uk/official-documents/quality-management/academic-handbook/2s-solent-university-ethics-policy.pdf>

**Grade marking**

The University uses a letter grade scale for the marking of assessments. Unless students have been specifically informed otherwise their marked assignment will be awarded a letter grade. More detailed information on grade marking and the grade scale can be found on the portal and in the Student Handbook.

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/2o-annex-3-assessment-regulations-grade-marking-scale.docx>

**Guidance for online submission through Solent Online Learning (SOL)**

<http://learn.solent.ac.uk/onlinesubmission>