

Pre-Sessional English

Assignments

Pre-Sessional English

Introduction

Importance

- Coursework / assignments
 - 30% of course
 - e.g. 30% midterm exam, 40% final exam, 20% CW1, 10% CW2
 - Related to knowledge needed in exams
- Coursework proves your
 - understanding
 - interest
 - ability

Vocabulary

- **Coursework / Assignment** - work complete by you that is marked (graded)
- **Submit** - hand in coursework
- **Instructions** - what you need to do
- **Deliverables** - what you need to submit
- **Deadline** - time & date you need to submit the work
- **Group Assignment** - work in a group e.g. 4 students
- **Plagiarism** - copying work resulting in a 'F' or zero mark.
- **Project** - long assignment, possibly over a 15-week semester
- **Presentation** - present your work e.g. using PowerPoint slides

Grades

grade	%	GPA
A	80	4.0
B+	75	3.5
B	70	3.0
C+	65	2.5
C	60	2.0
D+	55	1.5
D	50	1.0
F	<50	0.0

GPA - Grade Point Average (US system)

Assignment Report Vocabulary

- Article
- Heading
- subheadings
- Introduction
- Body
- Paragraphs
- Indentation
- Figures
- Tables
- Legend
- Sections
- Conclusion
- References
- Formatting
- Page numbers
- Cover page

We will cover these later

Understanding

Understanding

- Overview
 - What is it about, what are the requirements?
- **Musts**
 - Understand how to start, and plan

Understanding

Read and analyze the instructions

Identify the objectives and goals

Understanding the grading and expectations

Planning

Planning

- What you already know
 - In class, lecture notes
- What you need to know

Planning

Break down the assignment into manageable tasks

Creating a timeline and set deadlines

Research

Research

- Sources
 - Multiple sources
 - Good sources
 - Make a note of the sources
 - url, web address
 - date

Writing

Writing

- Structured
 - Headings, sub-headings
- Tell a story (has an order)
- Paragraphs
- Topic sentences
- Use examples
- Images / diagrams / tables - explain these

No to plagiarism, yes to references

Writing

Creating an outline and organizing ideas

Writing a draft and revising it

Checking for grammar and spelling errors

Citing sources and following citation guidelines

Review

(drafts)

Review

- Do you want higher marks?
- How to present your work
 - Check - spelling, grammar
 - Check - deliverables, instructions
- Check list - tick each item when its done

Writing

Proofreading and editing the final draft

Ensuring that all requirements are met

Submitting the assignment on time

Submit

Submit

- How / where
- What
- Expectations
 - Pass
 - A grade
 - Fail

Example Assignment

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4_Assignment - Word

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Assignment #2 – Machine Learning

888102 – Big Data for Business

Coursework Marks 15%

Students are required to complete the instructions below (also see CW2_instructions.doc in Teams) and answer all parts and questions below.

Part A: Machine Learning and Artificial Intelligence

Write a summary of machine learning and artificial intelligence in big data (about 200-250 words), for help use the presentation “Machine Learning and Artificial Intelligence in Big Data” (PowerPoint file in Teams Files). Include what you think is relevant and the most important information. You are allowed to add additional information and your opinion but make sure it is relevant and it is original.

Do not copy & pasted text

Part B: Practical Machine Learning

Follow the instructions in CW2_instructions.doc to create 5 screenshots. Use these screenshots to help

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Part B: Practical Machine Learning

Follow the instructions in CW2_instructions.doc to create 5 screenshots. Use these screenshots to help answer the following questions:

B.1. Linear Regression

1. Explain the two primary statistics about a linear regression line (in Orange called 'x coef' and 'intercept coef'), and how do they help us predict values?
2. Evaluate your linear regression model. Use your screenshots to explain
 - a. the predictions, and
 - b. an evaluation metric (e.g. one of MSE, RMSE, MAE, or R^2)

B.2. K-Nearest Neighbour

3. Explain how k-nearest neighbour works, and why the results (e.g. in Orange) can sometimes be wrong.

B.3. Logistic Regression

4. Explain the resulting confusion matrix created using logistic regression.

Deadline
Coursework set Thursday 29th September 2022
Coursework submission Date Friday 31 October 2022

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Deliverables:

- One Microsoft Word document or equivalent with your answers from part A and part B.
- Any screenshots (e.g. Orange) or copied & pasted into the Word document.

All coursework should be submitted on the submission date or before, either via Teams or to drseamuslyons@gmail.com. Remember to include the course, your name and your student ID when submitting coursework.

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course

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888102 – Big Data for Business % of course (from 100%)

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requirements

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Important dates

what you submit

how you submit

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Course Assignment



4_Course_Assignment.doc

Thank you!
any questions?