







Weekly Learning Plan for CSMAD21 in blended mode		
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Week commencing	Monday 8th November, Week 7 of Autumn term 2021	
How this week relates to your module learning outcomes	During this week we will focus mainly on “The module aims to bring students up to an advanced level as regards the use of Python as programming language and to work proficiently with Python tools for data science. It contains a number of topics and practical work from programming tasks to data science applications in Python.”, especially in relation to data visualisation with Python and introduction to Data Science Concepts.	
Topics/themes covered this week	<ul style="list-style-type: none"> Data Visualisation Data Science Introduction and Concepts. 	
Core lecture content		<p>The screencasts to access in Blackboard covers the following:</p> <ol style="list-style-type: none"> 1. Data Visualisation. 2. Data Science Introduction and Concepts
Scheduled live interactive sessions		<ul style="list-style-type: none"> There is a lecture schedule for this week where we are going to review the coursework.
Activities, tasks, and discussion		<ul style="list-style-type: none"> Review the lecture material of week 7. Review and start working on the Coursework.
Labs/practical sessions		<ul style="list-style-type: none"> Before the practical, please review Week7. Follow and solve the activities provided in Practical 5&6 (Self-Study).
Independent study		<ul style="list-style-type: none"> Chapter 3 and 9 of Thomas McKinney, Wes “Python for data analysis: data wrangling with Pandas, NumPy, and IPython”.
Formative/Summative Assessment		<ul style="list-style-type: none"> Formative/summative activity scheduled for this week: <ul style="list-style-type: none"> ○ Practical 5&6(formative)