







Weekly Learning Plan for CSMAD21 in blended mode		
Module convenor	Mr Miguel Sanchez Razo	
Other key contributors	<ul style="list-style-type: none"> Miguel Angel Sanchez Razo (Lecturer) - m.sanchezrazo@reading.ac.uk 	
Week commencing	Monday 4th October, Week 2 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 identify and understand the Python Data Types, Comparison Operators and Flow Control structures.	
Topics/themes covered this week	<ul style="list-style-type: none"> Data Types, Comparison Operators and Flow Control Structures. 	
Core lecture content		<p>The screencasts to access in Blackboard covers the following:</p> <ol style="list-style-type: none"> 1. Data Types, Operators and Flow Control.
Scheduled live interactive sessions		<ul style="list-style-type: none"> No interactive session is scheduled for this week.
Activities, tasks, and discussion		<ul style="list-style-type: none"> Review the lecture material of week 2. Review the “Environment Setup” document (located in Practical material).
Labs/practical sessions		<ul style="list-style-type: none"> A practical session is schedule for this week (online and face to face). Before the practical, please review Week2 – Data Types, Comparison Operators and Flow Control. Follow and solve the activities provided in “CSMAD21_Practical1_2021”.
Independent study		<ul style="list-style-type: none"> Chapter 2 and 3 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"> o Practical 1(formative)