







Weekly Learning Plan for CSMAD21 in blended mode		
Module convenor	Mr Miguel Angel Sanchez Razo	
Other key contributors	<ul style="list-style-type: none"> <li>Chandresh Pravin (Student Demonstrator) <ul style="list-style-type: none"> <li><a href="mailto:c.pravin@pgr.reading.ac.uk">c.pravin@pgr.reading.ac.uk</a></li> </ul> </li> </ul>	
Week commencing	Monday 22nd November, Week 9 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 Clustering.	
Topics/themes covered this week	<ul style="list-style-type: none"> <li>Clustering</li> </ul>	
Core lecture content		<p>The screencasts to access in Blackboard covers the following:</p> <ol style="list-style-type: none"> <li>Clustering. <ol style="list-style-type: none"> <li>Clustering definition</li> <li>K-Means</li> <li>Gaussian Mixture Models</li> </ol> </li> </ol>
Scheduled live interactive sessions		<ul style="list-style-type: none"> <li>No interactive session is scheduled for this week.</li> </ul>
Activities, tasks, and discussion		<ul style="list-style-type: none"> <li>Review the lecture material of week 9.</li> <li><b>Work on the Coursework.</b></li> </ul>
Labs/practical sessions		<ul style="list-style-type: none"> <li>A practical session is schedule for this week (online and face to face, please review timetable).</li> <li><b>Before the practical</b>, please review week 9.</li> <li>Follow and solve the activities provided in Practical 8.</li> </ul>
Independent study		<ul style="list-style-type: none"> <li>Chapter 10 of Han Jiawei, et.al “Data Mining: Concepts and Techniques”.</li> </ul>
Formative/Summative Assessment		<ul style="list-style-type: none"> <li>Formative/summative activity scheduled for this week: <ul style="list-style-type: none"> <li>Practical 8 (formative)</li> </ul> </li> </ul>