

	<b>Tuesday</b>	<b>Thursday</b>
<b>Week 10</b> <b>10/21-23</b>	<p>Graphs and Networks as semi-structured data via NetworkX. Fundamentals, Creating and Modifying Graph Structures, and Network Visualization</p> <p><b>Assignment: Graph Analysis (deliver)</b></p>	<p>Graphs and Networks as semi-structured data via NetworkX. Fundamentals, Creating and Modifying Graph Structures, and Network Visualization</p>
<b>Week 11</b> <b>10/28-30</b>	<p>Graph Operations, Computing Graphs Properties, and Traversal and Searching</p>	<p>Image Processing and OpenCV</p> <p><b>Project Progress (due date)</b> <b>Project Demonstration (deliver)</b></p>
<b>Week 12</b> <b>11/4-6</b>	<p>Algorithms for Supervised Classification using Scikit-Learn</p>	<p>Algorithms for Supervised Classification using Scikit-Learn</p> <p><b>Assignment: Graph Analysis (due date)</b></p>
<b>Week 13</b> <b>11/11-13</b>	<p>Non-Linear and Linear Dimensionality Reduction using Scikit-Learn</p> <p><b>Assignment: Scikit-Learn (deliver)</b></p>	<p>Non-Linear and Linear Dimensionality Reduction using Scikit-Learn</p>
<b>Week 14</b> <b>11/18-20</b>	<p>Basics of Neural Networks in PyTorch</p>	<p>Basics of Neural Networks in PyTorch</p> <p><b>Assignment: Scikit-Learn (due date)</b></p>
<b>Week 15</b> <b>12/2-4</b>	<p>Basics of Neural Networks in PyTorch</p> <p><b>Assignment: PyTorch (deliver)</b></p>	<p>Basics of Large Language Models. Using the Google Gemini API</p>
<b>Week 16</b> <b>12/9-11</b>	<p>Basics of Large Language Models. Using the Google Gemini API</p>	<p>Basics of Large Language Models. Using the Google Gemini API</p> <p><b>Assignment: PyTorch (due date)</b></p>
<b>Finals Week</b>		<p><b>Project Demonstration (due date)</b></p>