

Segment 2 19% of final grade								
	Proficiency		Approaching Proficiency		Developing Proficiency		Emerging	Incomplete
<b>Presentation</b>	<p>Content The presentation outlines the project, including the following:</p> <ul style="list-style-type: none"> <li>✓ Selected topic</li> <li>✓ Reason why they selected their topic</li> <li>✓ Description of their source of data</li> <li>✓ Questions they hope to answer with the data</li> <li>✓ Description of the data exploration phase of the project</li> <li>✓ Description of the analysis phase of the project</li> </ul> <p>Slides Presentations are drafted in Google Slides.</p>	15	<p><b>Content</b> The presentation outlines the project, including four or five of the following:</p> <ul style="list-style-type: none"> <li>✓ Selected topic</li> <li>✓ Reason why they selected their topic</li> <li>✓ Description of their source of data</li> <li>✓ Questions they hope to answer with the data</li> <li>✓ Description of the data exploration phase of the project</li> <li>✓ Description of the analysis phase of the project</li> </ul> <p><b>Slides</b> Presentations are drafted in Google Slides.</p>	12	<p><b>Content</b> The presentation outlines the project, including two or three of the following:</p> <ul style="list-style-type: none"> <li>✓ Selected topic</li> <li>✓ Reason why they selected their topic</li> <li>✓ Description of their source of data</li> <li>✓ Questions they hope to answer with the data</li> <li>✓ Description of the data exploration phase of the project</li> <li>✓ Description of the analysis phase of the project</li> </ul>	9	<p><b>Content</b> The presentation outlines the project, including one of the following:</p> <ul style="list-style-type: none"> <li>✓ Selected topic</li> <li>✓ Reason why they selected their topic</li> <li>✓ Description of their source of data</li> <li>✓ Questions they hope to answer with the data</li> <li>✓ Description of the data exploration phase of the project</li> <li>✓ Description of the analysis phase of the project</li> </ul>	6
<b>GitHub</b>	<p>Main Branch All code in the main branch is production-ready.</p> <p>The main branch should include:</p> <ul style="list-style-type: none"> <li>✓ All code necessary to perform exploratory analysis</li> <li>✓ Some code necessary to complete the machine learning portion of the project</li> </ul> <p>README.md README.md must include:</p> <ul style="list-style-type: none"> <li>✓ Description of the communication protocols</li> <li>✓ Outline of the project (this may include images, but should be easy to follow and digest)</li> </ul> <p>Note: The descriptions and explanations required in all other project deliverables should also be in your README.md as part of your outline, unless otherwise noted.</p> <p>Individual Branches</p> <ul style="list-style-type: none"> <li>✓ At least one branch for each team member</li> <li>✓ Each team member has at least four commits for the duration of the second segment (eight total commits per person)</li> </ul>	10	<p><b>Main Branch</b> Most code in the master branch is production-ready.</p> <p>Main branch should include:</p> <ul style="list-style-type: none"> <li>✓ All code necessary to perform exploratory analysis</li> <li>✓ Some code necessary to complete machine learning portion of project</li> </ul> <p><b>README.md</b> README.md must include:</p> <ul style="list-style-type: none"> <li>✓ Description of the communication protocols</li> <li>✓ Basic outline of the project</li> </ul> <p>Note: The descriptions and explanations required in all other project deliverables should also be in your README.md as part of your outline, unless otherwise noted.</p> <p><b>Individual Branches</b></p> <ul style="list-style-type: none"> <li>✓ At least one branch for each team member</li> <li>✓ Each team member has at least two commits for the duration of the second segment</li> </ul>	7	<p><b>Main Branch</b> Some code in the master branch is production-ready.</p> <p>Main branch should include:</p> <ul style="list-style-type: none"> <li>✓ Most code necessary to perform exploratory analysis</li> <li>✓ Some code necessary to complete machine learning portion of project</li> </ul> <p><b>README.md</b> README.md must include:</p> <ul style="list-style-type: none"> <li>✓ Description of the communication protocols</li> <li>✓ Basic outline of the project</li> </ul> <p>Note: The descriptions and explanations required in all other project deliverables should also be in your README.md as part of your outline, unless otherwise noted.</p> <p><b>Individual Branches</b></p> <ul style="list-style-type: none"> <li>✓ At least one branch for each team member</li> <li>✓ Each team member has at least one commit for the duration of the second segment</li> </ul>	4	<p><b>Main Branch</b> No code in the master branch is production-ready.</p> <p>Main branch should include:</p> <ul style="list-style-type: none"> <li>✓ Some code necessary to perform exploratory analysis</li> </ul> <p><b>README.md</b> README.md must include:</p> <ul style="list-style-type: none"> <li>✓ Description of the communication protocols</li> </ul> <p>Note: The descriptions and explanations required in all other project deliverables should also be in your README.md as part of your outline, unless otherwise noted.</p> <p><b>Individual Branches</b></p> <ul style="list-style-type: none"> <li>✓ At least one branch for each team member</li> </ul>	1
<b>Machine Learning Model</b>	<p>Team members submit the code for their machine learning model, as well as the following:</p> <ul style="list-style-type: none"> <li>✓ Description of preliminary data preprocessing</li> <li>✓ Description of preliminary feature engineering and preliminary feature selection, including their decision-making process</li> <li>✓ Description of how data was split into training and testing sets</li> <li>✓ Explanation of model choice, including limitations and benefits</li> </ul>	30	<p>Students submit the code for their machine learning model, as well as three of the following:</p> <ul style="list-style-type: none"> <li>✓ Description of preliminary data preprocessing</li> <li>✓ Description of preliminary feature engineering and preliminary feature selection, including their decision-making process</li> <li>✓ Description of how data was split into training and testing sets</li> <li>✓ Explanation of model choice, including limitations and benefits</li> </ul>	23	<p>Students submit the code for their machine learning model, as well as two of the following:</p> <ul style="list-style-type: none"> <li>✓ Description of preliminary data preprocessing</li> <li>✓ Description of preliminary feature engineering and preliminary feature selection, including their decision-making process</li> <li>✓ Description of how data was split into training and testing sets</li> <li>✓ Explanation of model choice, including limitations and benefits</li> </ul>	16	<p>Students submit the code for their machine learning model, as well as one of the following:</p> <ul style="list-style-type: none"> <li>✓ Description of preliminary data preprocessing</li> <li>✓ Description of preliminary feature engineering and preliminary feature selection, including their decision-making process</li> <li>✓ Description of how data was split into training and testing sets</li> <li>✓ Explanation of model choice, including limitations and benefits</li> </ul>	9
								<p>No submission was received</p> <p>-OR-</p> <p>Submission was empty or blank</p> <p>-OR-</p> <p>Submission contains evidence of academic dishonesty</p>

<b>Database</b>	<p>Team members present a fully integrated database.</p> <ul style="list-style-type: none"> <li>✓ Database stores static data for use during the project</li> <li>✓ Database interfaces with the project in some format (e.g., scraping updates the database, or database connects to the model)</li> <li>✓ Includes at least two tables (or collections, if using MongoDB)</li> <li>✓ Includes at least one join using the database language (not including any joins in Pandas)</li> <li>✓ Includes at least one connection string (using SQLAlchemy or PyMongo)</li> </ul> <p>Note: If you use a SQL database, you must provide your ERD with relationships.</p>	30	<p>Team members present database that accomplishes four of the following:</p> <ul style="list-style-type: none"> <li>✓ Database stores static data for use during the project</li> <li>✓ Database interfaces with the project in some format (e.g., scraping updates the database)</li> <li>✓ Includes at least two tables (or collections, if using MongoDB)</li> <li>✓ Includes at least one join using the database language (not including any joins in Pandas)</li> <li>✓ Includes at least one connection string (using SQLAlchemy or PyMongo)</li> </ul> <p>Note: If you use a SQL database, you must provide your ERD with relationships.</p>	23	<p>Team members present database that accomplishes three of the following:</p> <ul style="list-style-type: none"> <li>✓ Database stores static data for use during the project</li> <li>✓ Database interfaces with the project in some format (e.g., scraping updates the database)</li> <li>✓ Includes at least two tables (or collections, if using MongoDB)</li> <li>✓ Includes at least one join using the database language (not including any joins in Pandas)</li> <li>✓ Includes at least one connection string (using SQLAlchemy or PyMongo)</li> </ul> <p>Note: If you use a SQL database, you must provide your ERD with relationships.</p>	16	<p>Team members present database that accomplishes two of the following:</p> <ul style="list-style-type: none"> <li>✓ Database stores static data for use during the project</li> <li>✓ Database interfaces with the project in some format (e.g., scraping updates the database)</li> <li>✓ Includes at least two tables (or collections, if using MongoDB)</li> <li>✓ Includes at least one join using the database language (not including any joins in Pandas)</li> <li>✓ Includes at least one connection string (using SQLAlchemy or PyMongo)</li> </ul> <p>Note: If you use a SQL database, you must provide your ERD with relationships.</p>	9
<b>Dashboard</b>	<p>A blueprint for the dashboard is created and includes all of the following:</p> <ul style="list-style-type: none"> <li>✓ Storyboard on Google Slide(s)</li> <li>✓ Description of the tool(s) that will be used to create final dashboard</li> <li>✓ Description of interactive element(s)</li> </ul>	15	<p>A blueprint for the dashboard is created and includes two of the following:</p> <ul style="list-style-type: none"> <li>✓ Storyboard on a Google Slide(s)</li> <li>✓ Description of the tool(s) that will be used to create final dashboard</li> <li>✓ Description of interactive element(s)</li> </ul>	12	<p>A blueprint for the dashboard is created and includes one of the following:</p> <ul style="list-style-type: none"> <li>✓ Storyboard on a Google Slide(s)</li> <li>✓ Description of the tool(s) that will be used to create final dashboard</li> <li>✓ Description of interactive element(s)</li> </ul>	9	<p>A blueprint for the dashboard is created.</p>	6
<b>TOTAL</b>		100		77		54		31