

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

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