	Segment 2 19% of final grade							
	Proficiency		**Approaching Proficiency**		**Developing Proficiency**		**Emerging**		**Incomplete**
Presentation	Content The presentation outlines the project, including the following: ✓ 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 Slides Presentations are drafted in Google Slides.	15	**Content** The presentation outlines the project, including four or five of the following: ✓ 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 **Slides** Presentations are drafted in Google Slides.	12	**Content** The presentation outlines the project, including two or three of the following: ✓ 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	**Content** The presentation outlines the project, including one of the following: ✓ 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	**No submission was received** **-OR-** **Submission was empty or blank** **-OR-** **Submission contains evidence of academic dishonesty**
GitHub	Main Branch All code in the main branch is production-ready. The main branch should include: ✓ All code necessary to perform exploratory analysis ✓ Some code necessary to complete the machine learning portion of the project README.md README.md must include: ✓ Description of the communication protocols ✓ Outline of the project (this may include images, but should be easy to follow and digest) 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. Individual Branches ✓ 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	**Main Branch** Most code in the master branch is production-ready. Main branch should include: ✓ All code necessary to perform exploratory analysis ✓ Some code necessary to complete machine learning portion of project **README.md** README.md must include: ✓ Description of the communication protocols ✓ Basic outline of the project 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. **Individual Branches** ✓ At least one branch for each team member ✓ Each team member has at least two commits for the duration of the second segment	7	**Main Branch** Some code in the master branch is production-ready. Main branch should include: ✓ Most code necessary to perform exploratory analysis ✓ Some code necessary to complete machine learning portion of project **README.md** README.md must include: ✓ Description of the communication protocols ✓ Basic outline of the project 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. **Individual Branches** ✓ At least one branch for each team member ✓ Each team member has at least one commit for the duration of the second segment	4	**Main Branch** No code in the master branch is production-ready. Main branch should include: ✓ Some code necessary to perform exploratory analysis **README.md** README.md must include: ✓ Description of the communication protocols 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. **Individual Branches** ✓ At least one branch for each team member	1	
Machine Learning Model	Team members submit the code for their machine learning model, as well as the following: ✓ 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	Students submit the code for their machine learning model, as well as three of the following: ✓ 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	Students submit the code for their machine learning model, as well as two of the following: ✓ 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	Students submit the code for their machine learning model, as well as one of the following: ✓ 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	

Database	Team members present a fully integrated database. ✓ 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) Note: If you use a SQL database, you must provide your ERD with relationships.	30	Team members present database that accomplishes four of the following: ✓ 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) Note: If you use a SQL database, you must provide your ERD with relationships.	23	Team members present database that accomplishes three of the following: ✓ 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) Note: If you use a SQL database, you must provide your ERD with relationships.	16	Team members present database that accomplishes two of the following: ✓ 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) Note: If you use a SQL database, you must provide your ERD with relationships.	9	
Dashboard	A blueprint for the dashboard is created and includes all of the following: ✓ Storyboard on Google Slide(s) ✓ Description of the tool(s) that will be used to create final dashboard ✓ Description of interactive element(s)	15	A blueprint for the dashboard is created and includes two of the following: ✓ 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	A blueprint for the dashboard is created and includes one of the following: ✓ 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	A blueprint for the dashboard is created.	6	
TOTAL		100		77		54		31	