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| Presents a cohesive written analysis that describes the role(s) they played over the course of the project and their contribution to the project in that role.   |  | | --- | | The workload for this project was distributed among all team members. | | **Phase1: Design**  All team members weighed in the selection of the topic. Once they all agreed on the direction of the topic, they all contributed to finding a dataset that match the criteria for the project:   1. A dataset with thousands of rows and tens of columns. 2. A dataset with complete observations regarding the entities of interest: FIFA players. 3. A dataset that offers opportunities to apply the ETL tools learning in class.   Past that dataset selection stage, the team met regularly, interrogated the data, and attempted to infer, from it, answers to our hypothesis: what significant features of players contribute to their ranking? What is the impact of age on their ranking? And more.  We decided that the project offered all team members an opportunity to apply the skills that they have learned through bootcamp. Therefore, we met regularly and strategized on the means:   1. to prepare the data. 2. design a shared database. 3. Load the ‘cleaned’ on the database. The data could then be accessed via connection to PostgreSQL linked to AWS.   Team members took turn in assessing the accuracy of the data before moving to the next phase. All issues encountered were addressed and unanimously validated. | | **Phase 2: Mining the data**  Team members were encouraged to use the technology that they felt comfortable with to extract information and provide their interpretation of it. Some used the pandas libraries to perform their tasks, others preferred combining pandas with PostgreSQL.  We all relied on visualization libraries to interrogate the data and adjust our hypothesis. | | **Phase 3: Machine Learning Model**  In addition to the Machine Learning model recommended for use we decided that the addition of other models would lend more credibility to our results. The inclusion of these models contributed to making us feel comfortable as to the accuracy of our model, increase our expertise as to the arguments that can be used to improve the model. | | **Phase 3: Presentation**  The work for the presentation was allocated to each member. They all did their parts. Peer reviews contributed to solidifying the content of our presentation. |   Presents a cohesive written summary of how they contributed to each of the roles they did not take on via team discussions, peer reviews, or other means.  Additionally, the analysis should describe their greatest personal challenge over the course of the project, and how they overcame that challenge.   |  | | --- | | The main challenge for me was to stay within scope, decide and commit to using a simple array of tools. We had learned so many technologies; which one to choose and commit to: pandas or sparks, tableau or google slides for interactive display.  My teammates did an excellent job in keeping me ‘in line’. | | I only wish we have been asked or coached early on in choosing a project at the onset of the course. We could have built it as we learned new technologies. | |