

Deliverables\Grading Criteria	Organizational	Content	Bonus	Resources
ReadMe	<ul style="list-style-type: none"> - A good and concise summary of the work and goals added. - References to some previous work on the topic at hand / motivation added. - Data Sources - Limitations - Concerns - Basic info (# of cols, rows, types etc.) mentioned. - Navigation added and necessary links attached. - Requirements in terms of packages and software added. 	<ul style="list-style-type: none"> - Especially the quality of goals and summary is very important. In this part you should be able to communicate clearly why someone should care about your project. 	<ul style="list-style-type: none"> - If you can add a structural map in navigation part. For this you might need to use 'tree' command from terminal. 	<ul style="list-style-type: none"> - Folder Structure - An example of a very well organized readme - Tree Command for MacOS
Technical Notebook - Report	<ul style="list-style-type: none"> - You can think of this notebook as your report to the your team leader/project manager. - It should start with a clear abstract. In this abstract you should address the question you are trying to solve, techniques you used, your progress and challenges, results and your conclusions. - In this notebook, you can add code but anything in this notebook should be relevant to the project. Don't add your experimental code here or tangential plots, irrelevant stats, etc. - Try to use supporting visualizations but again try to keep them relevant to the problem you are trying to solve. 	<ul style="list-style-type: none"> - In addition to organizational assessment, I will check whether you have made sound argument. - You should justify your decisions. For example: "I choose to use median to describe income because we know that mean statistic is sensitive to outliers." - You should mention possible weaknesses of your project. For example: "...According to the data we have less than 1% outliers in the first feature. For the sake of simplicity we will be removing these observations from data. So if the conclusions from this project will be used in a decision making process it should be noted that our conclusions don't apply for the observations with extreme cases in feature 1." 	<ul style="list-style-type: none"> - If you use some pandas methods in a very effective way. - If you add visualizations in a creative way. - If your technical analysis of statistics, models, results etc. is perfect. - If your arguments logically consistent and your conclusions really follows from your arguments. 	
Code - Other Notebooks	<ul style="list-style-type: none"> - As I mentioned above in the report I don't want to see anything irrelevant to your question and your results. - However you will write lots of code for cleaning data, creating new features, investigating descriptive statistics of certain features etc. These notebooks similar to the technical notebook should be well organized. - Your code should be clear: Well indentation, good naming, commented if necessary, functions with docstrings etc. 		<ul style="list-style-type: none"> - If you can really write your code in a modular way. (For example, If you are copying and pasting a code may be you should think about converting it to a function.) - You write your functions into .py files and call them within notebooks only when necessary. - Your code is well documented and commented. 	