Creating your first machine learning project from scratch !

There are many tutorials, blogs and training material for learning machine learning on internet. Prior to this I have written an exhaustive article on data science career path. One of the important steps in building your career as a student is showcasing your ML skills to gain recognition. If we think of machine learning, data science or artificial intelligence as a career skill then there are stages of processing. All these stages need proper nurturing to improve your valuation as an asset to any organization. We have already discussed these stage in the data science career path blog. I will now focus on how to create your first machine learning project.

Step 1 : Define the expected outcomes from your project or solution.

Before you start your project planning and structuring, the first step would be to ideate as to what's the objective. Document the objective of your project. Most of the time, even with seasoned practitioner's, its observed that documentation begins in the end. Avoid this mistake. Start documenting on day one. Pick up a tool like Microsoft Word or an open source alternative like LibreOffice. I prefer LibreOffice as a complete tool for my ML project documentation. You can use the text for plain vanilla project write-ups. Drawing option is useful for data flow diagrams. Spreadsheet is useful for resource planning. Presentation layouts help you to convert your project into effective ML project portfolio's.

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