◄   Lesson 1:
    Machine Learning Engineer Capsto...   ☰   Project Overview

Build Your Machine Learning Project

In this capstone project, you will leverage what you've learned throughout the machine learning engineer project of your choosing. Your project deliverables

1. A Github repository of your work.
2. A blog post written for a technical audience, or a deployed web applicatio

In this capstone project, you will leverage what you've learned throughout the solve a problem of your choice.

1. You will first **define** the problem you want to solve and investigate potent
2. Next, you will **analyze** the problem through visualizations and data explo understanding of what algorithms and features are appropriate for solvin
3. You will then **implement** your algorithms and metrics of choice, documer refinement, and post-processing steps along the way.
4. Afterwards, you will collect **results** about your findings, visualize significa validate/justify your results, and make any concluding remarks about whe implementation adequately solves the problem.
5. Finally, you will **construct** a blog post to document all of the steps from s project, or deploy your results into a web application.

Setting Yourself Apart

An important part of landing a job or advancing your career as a machine learn yourself apart through impressive projects. By now, you've completed several g now's your chance to show off your skills and creativity. You'll receive a review Udacity mentor, and they will focus on how your project demonstrates your sk

This project is designed to prepare you for delivering a polished, end-to-end so world problem in a field of interest. When developing new technology, or deriv previous technology, properly documenting your process is critical for both val your results.

Things you will learn by completing this project:

- How to research and investigate a real-world problem of interest.
- How to accurately apply specific data science algorithms and techniques.
- How to properly analyze and visualize your data and results for validity.
- How to document and write a report of your work.