Course Statement and Goals

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Course Statement and Goals, Part I

- In this class we will work to understand how and why data science (DS) projects work, and to build, refine and get the most out of a DS project.

- Our first goal is to integrate prior knowledge on DS regarding how to apply it in real-world contexts and assess the value of DS in enterprise decision-making.

Course Statement and Goals, Part II

- After that, we will learn to design, develop, and test "full-cycle" DS products.
  - Understanding the expected outcome
  - Defining the adequate data model
  - Choosing the right tools and libraries for data preparation and analysis
  - Designing an adequate results presentation

Course Statement and Goals, Part III

- Initially, we will develop together two short projects to recap the full cycle.
- After that, we will individually take on larger projects with public-domain datasets.
- Finally, we apply our experience to larger real-world DS problems.
- Projects will be presented to the class.

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The End