



# Applied Data Science Portfolio Milestone Learning Goals

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# Applied Data Science Portfolio ...Version 1

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## 1. Introduction

## 2. Learning Objectives

2.1. Describe a broad overview of the major practice areas of data science

2.2 Collect and Organize Data

2.3 Identify patterns in data via visualization, statistical analysis, and data mining

2.4 Develop alternative strategies based on the data

2.5 Develop a plan of action to implement the business decisions derived from the analyses

2.6 Demonstrate communication skills regarding data and its analysis for managers, IT professionals, programmers, statisticians, and other relevant professionals in their organization

2.7 Synthesize the ethical dimensions of data science practice

## 3. Conclusion

## 4. Applied Data Science Courses Included in the Portfolio

**SUBMITTED THROUGH 2U**