



# Part 1:The Importance of MLOps in a Real-World ML Deployment

In this part, you will get an overview of the life cycle of a typical real-world **machine learning** (ML) project. You will also learn about common challenges encountered during the development of ML applications and some key limitations of an ML framework. Finally, you will learn about the **machine learning operations** (MLOps) practice and its importance in ML deployments.

This part has the following chapters:

- [Chapter 1](#), *Machine Learning Project Life Cycle and Challenges*
- [Chapter 2](#), *What Is MLOps, and Why Is It So Important for Every ML Team?*