

What will you learn in this Career Path?

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As we've seen, Machine Learning Engineering requires a combination of ML and [software engineering](#) skills as well as a familiarity with ML systems design. This makes the MLE a uniquely sought-after role within Tech!

And this career path has been designed to teach you all of the above from scratch. You will learn:

- Basics of machine learning and software engineering
- Implementation of machine learning algorithms from beginner to advanced
- How to build ML pipelines
- How to build an end-to-end ML app
- How to deploy and maintain ML apps
- AutoML and MLOps techniques

We hope you're excited for this journey. If you're completely new to data analysis, Python, or pandas, start with [ML/AI Engineering Foundations Skill Path](#) before getting started with the next track, Machine Learning Fundamentals. If you already have some familiarity with these topics, here we go!

