



Category



rishabh-mishra ▼

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## Course Introduction

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### Introduction

In this course, you will learn the many technologies that prepare you to move forward diving deeper into artificial intelligence (AI) systems. You will be exposed to the history business of AI, how relational databases are used, the use of statistical analysis in AI, and Python - the most widely used AI programming language. To top it off, you will learn about the concepts and tools used with digital visualization.

The target candidate for this course is the individual looking to gain a better understanding of Artificial Intelligence technologies and concepts. These skills are critical across every stage of career advancement, from the college graduate looking to land their first career job to an experienced developer looking to increase their AI skills.

### Duration

45 hours of theory and hands-on activities.

### Labs

The labs that will be used in this course are done using Jupyter Labs and Jupyter Notebooks. Jupyter Labs is an extensible environment for interactive computing based on Jupyter notebook. Jupyter notebook is a web-based interactive development environment for code (Python, R, C@#, etc.), and data. Once installed, Jupyter Labs provide access to a variety of development environments without the need to access often expensive commercial labs.

### Discussion Board Support

The discussion board is powered by **Questionsly**. It provides an avenue for both forum-based and one-one mentoring support from our highly skilled mentors. It is available free for all learners for a limited time (two-weeks). After the free-trial, the learners can continue to use it for a fee.

We have highly skilled mentors to support one-one mentoring and forum-based interaction on **Questionsly**.

### Course Outcomes

- Evaluate AI trends and career opportunities
- Describe how AI impacts business
- Demonstrate how to use Python as an AI Tool
- Create data visualizations with Python
- Evaluate the different forms of graphs
- Demonstrate the impact that statistics has on AI research
- Evaluate the fundamentals of SQL and data structures

### Certification

Once the user successfully completes the course, the certificate can be obtained from the dashboard.

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## Video - Foundation of AI - As an endeavour of SkillUp Technologies



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