

Flask Framework for Python Developers, Part 2 of 3: Database and Migration

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Meet the expert: Jorge Escobar is an engineer at FINDMINE. In addition to being a consultant and working with companies like MongoDB, Venmo and Knewton he also has a passion for teaching and is an instructor for Stone River eLearning

Prerequisites:

- A computer with internet access (optional: administrative access to install packages)
- A basic understanding of the Python language
- A basic understanding of how to use the internet and text editors

Runtime: 58:01

Course description: Flask is the most popular python web framework and you'll learn how to make a Flask application in this course. The topics covered are: setting up the database, making a database driven application, an introduction to migrations and how to test infrastructure.

Course outline:

Setup Database

- Introduction
- Setting Up Our Database
- Installing MySQL
- Installing MySQL On Mac
- Installing MySQL On Windows
- Setting Up MySQL On PythonAnywhere
- MVC And The Object Relational Mapper
- Summary

- First Test
- Summary

Database Driven App

- Introduction
- First Database Driven Application
- Initial Application Setup
- Initial Application Setup on PythonAnywhere
- Application Libraries
- Environment Settings
- Application Factory
- Building Modules with Blueprints
- Our First Blueprint
- Counter Model
- Summary

Introduction to Migrations

- Introduction
- An Introduction to Migrations
- Database Operations from the Shell
- The Pageviews Counter Application
- Summary

Test Infrastructure

- Introduction
- Setting Up Our Test Infrastructure