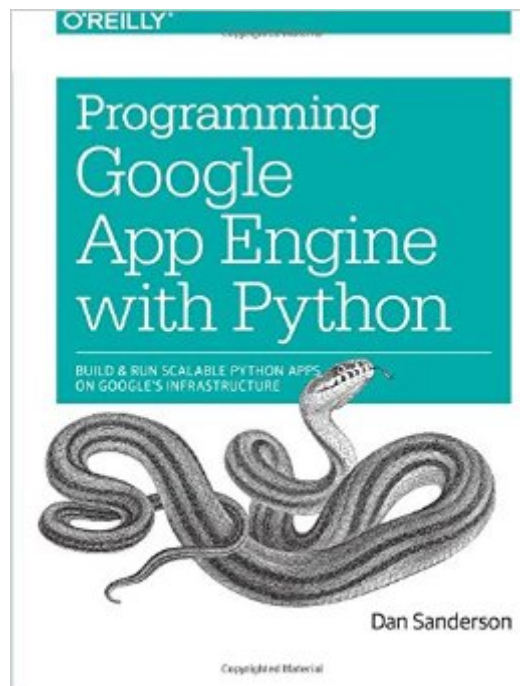# Programming Google App Engine With Python: Build And Run Scalable Python Apps On Google's Infrastructure

Synopsis

This practical guide shows intermediate and advanced web and mobile app developers how to build highly scalable Python applications in the cloud with Google App Engine. The flagship of Google's Cloud Platform, App Engine hosts your app on infrastructure that grows automatically with your traffic, minimizing up-front costs and accommodating unexpected visitors. You’ll learn hands-on how to perform common development tasks with App Engine services and development tools, including deployment and maintenance. App Engine's Python support includes a fast Python 2.7 interpreter, the standard library, and a Wsgi-based runtime environment. Choose from many popular web application frameworks, including Django and Flask.Get a hands-on introduction to App Engine's tools and features, using an example applicationSimulate App Engine on your development machine with tools from Google Cloud SdkStructure your app into individually addressable modules, each with its own scaling configurationExploit the power of the scalable Cloud Datastore, using queries, transactions, and data modeling with the ndb libraryUse Cloud Sql for standard relational databases with App Engine applicationsLearn how to deploy, manage, and inspect your application on Google infrastructure

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Customer Reviews

Google App Engine with Python is a significant improvement over the previous edition, Google App Engine, 2nd Edition. This is more than just a pasting of the Python sections of the previous edition into a separate book. This edition is more beginner-friendly because more effort is expended on

explaining the setup and configuration of App Engine. Furthermore, the previous topics have been updated with the latest features of App Engine and expanded with clearer explanation of the concepts.The expanded coverage about the Datastore is alone, worth this purchase, and underscores the difference in depth between a book and online documentation. This edition presents the most comprehensive coverage of App Engine for Python and the author's growth in authorship is apparent from edition to edition. Four thumbs up.

Great book to learn all the supported features in the app engine.

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