

# Database Programming with Python

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Lecture 1 – Introduction to Python, Databases, and  
Tools

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# This course at a glance...

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- ❖ Introduction to Python, Databases, and Tools
- ❖ Creating Databases and Tables
- ❖ Introduction to SQL
- ❖ Using Python with Relational Databases
- ❖ Using Python with Document-Oriented (NoSQL) Databases

# This lecture at a glance...

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- ❖ The Importance of Data
- ❖ Introduction to Python
- ❖ What can I do with Python?
- ❖ Introduction to Databases
- ❖ Database and DBMS Options
- ❖ ODBC, DB API, and pyodbc
- ❖ Installing the Tools for this Course
  - ❖ Installing Python, Eclipse, and PyDev
  - ❖ Installing the pyodbc Module
  - ❖ Installing the MySQL Driver (for MySQL users)
  - ❖ Installing the Microsoft ODBC Driver (for Microsoft SQL Server users)