Creating a REST API

Terry McCann | @SQLShark

Microsoft Partner
Microsoft
Gold Data Analytics
Gold Data Platform
Gold Cloud Platform

MVP Microsoft® Most Valuable Professional

adatis

What is a ***REST*** API?

What is *an* API?

Application Programming interface

APIs are everywhere

Forms a contract between two bits of software

Has a Request and a Response

What is a ***REST*** API?

Representational **s**tate **t**ransfer

Relies on stateless, client-server protocol, this is almost always HTTP

Can be used and called in almost any computer language

REST Methods?

GET – Retrieve data from a source

POST – Submit data to be processed by a specified source

PUT – Update a Resource

DELETE –Delete a Resource

Demo – Exploring Diabetes Data

Lab 3 - Adding Flask to our model to expose an API

15 minutes