

start: **10:00** end: **10:25**

Len: 00:25:00 id: 111

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Push Data, Pull Data, Present Data

Adrian Cruz

Push Data, Pull Data, Present Data

# Adrian Cruz

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Len: 00:25:00

id: 112

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Why and how to GraphQL

Victor

# Why and how to GraphQL

# Victor

start: **10:30**    end: **10:55**

Len: 00:25:00    id: 110

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“THAT’S A REALLY GREAT IDEA”: SYNTHESIZING SARCASTIC AFFECT

Rachel Rakov

“THAT’S A REALLY GREAT IDEA”: SYNTHESIZING SARCASTIC AFFECT

# Rachel Rakov

start: **11:15** end: **12:10**

Len: 00:55:00 id: 110

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Playing with Python Bytecode

Scott Sanderson and Joe Jevnik

# Playing with Python Bytecode

## Scott Sanderson and Joe Jevnik

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Len: 00:25:00 id: 111

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Introduction to Neural Networks with Tensorflow

Mike Craig

Introduction to Neural Networks with Tensorflow

# Mike Craig

start: 13:15

end: 13:40

Len: 00:25:00

id: 112

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Lightning Talks

Ministry of Silly Talks

# Lightning Talks

## Ministry of Silly Talks

start: **13:45**    end: **14:10**

Len: 00:25:00    id: 111

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Python Performance Profiling: The Guts And The Glory

A. Jesse Jiryu Davis

Python Performance Profiling: The Guts And The Glory

# A. Jesse Jiryu Davis

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Len: 00:55:00 id: 110

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Summarizing documents

Mike Williams

# Summarizing document

# Mike Williams



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Len: 00:25:00 id: 110

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Hassle Free ETL with PySpark

Rob Howley

# Hassle Free ETL with PySpark

# Rob Howley

start: **16:00**    end: **16:25**

Len: 00:25:00    id: 110

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A tale of two cellphones: Python on Android and iOS

Russell Keith-Magee

A tale of two cellphones: Python on Android and iOS

# Russell Keith-Magee

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How to build an Event Driven Financial system in sixty days with Python

Federico Kamelhar

How to build an Event Driven Financial system in sixty days with Python

# Federico Kamelhar

start: **16:30** end: **17:25**

Len: 00:55:00 id: 111

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Vector space modeling on music data

Tim Schmeier

Vector space modeling on music data

# Tim Schmeier

start: **17:30** end: **18:25**

Len: 00:55:00 id: 110

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Care and feeding of Pythons

Ewa Jodlowska

# Care and feeding of Pythons

# Ewa Jodlowska

start: **10:00**    end: **10:25**    Len: 00:25:00    id: 110

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It's Raining, It's Pouring? A web and SMS application in Flask and Twilio to call Farmers.

Katya Vasilaky

It's Raining, It's Pouring? A web and SMS application in Flask and Twilio to cal

# Katya Vasilaky

Veyepar: TalkSigns.rfxml

start: **10:30** end: **10:55**

Len: 00:25:00 id: 110

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Introduction to Microservices with Nameko

Thomas Peterson

Introduction to Microservices with Nameko

# Thomas Peterson

start: **11:15** end: **12:10**

Len: 00:55:00 id: 110

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Webscraping by Example: An introduction to BeautifulSoup

Stevie Slotterback

Webscraping by Example: An introduction to BeautifulSoup

# Stevie Slotterback



start: **12:15** end: **12:40**

Len: 00:25:00 id: 110

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Creating a BitTorrent Client using Asyncio

Ahmed Abdalla

Creating a BitTorrent Client using Asyncio

# Ahmed Abdalla

start: **13:45** end: **14:10**

Len: 00:25:00 id: 111

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Scalable code design with slimmer django model and more

Dawa Sherpa

Scalable code design with slimmer django model and more

# Dawa Sherpa

start: **14:15** end: **15:10**

Len: 00:55:00 id: 111

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Advanced Permissioning

Jack McCloy

# Advanced Permissioning

# Jack McCloy

start: **15:15** end: **15:40**

Len: 00:25:00 id: 111

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Best Practices for Writing Reusable Python

Aaron Hall

Best Practices for Writing Reusable Python

# Aaron Hall

start: **16:00**    end: **16:25**

Len: 00:25:00    id: 111

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Building Command Line Tools in Python

Erik Taubeneck

Building Command Line Tools in Python

# Erik Taubeneck

start: **16:30**    end: **16:55**

Len: 00:25:00    id: 111

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Young Coders (or, 'How to Teach Python to Kids')

Barbara Shaurette

Young Coders (or, 'How to Teach Python to Kids')

# Barbara Shaurette

start: **17:00** end: **17:25**

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Fighting the Flu with Machine Learning

Rohan Koodli

Fighting the Flu with Machine Learning

# Rohan Koodli

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Design for Non-Designers

Tracy Osborn

# Design for Non-Designers

# Tracy Osborn



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Teaching and Doing Digital Humanities with Jupyter Notebooks

Matt Lavin

Teaching and Doing Digital Humanities with Jupyter Notebooks

# Matt Lavin

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Migrating to Python, slowly

Roger López

# Migrating to Python, slowly

# Roger López

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Dplython: Intuitive Data Analysis, Funky Python

Chris Riederer

Dplython: Intuitive Data Analysis, Funky Python

# Chris Riederer

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Len: 00:55:00 id: 112

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PyPy & Us Could Be PyPy & You

Julian Berman

PyPy & Us Could Be PyPy & You

Julian Berman

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Using PyStruct to Classify MOOC Discussion Forum Posts

Kyle Shaffer

Using PyStruct to Classify MOOC Discussion Forum Posts

# Kyle Shaffer

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Postgres Present and Future

Craig Kerstiens

# Postgres Present and Future

# Craig Kerstiens

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Make data cleansing fun again with Pandas

Joe Hooper

Make data cleansing fun again with Pandas

# Joe Hooper

start: **16:30**    end: **16:55**

Len: 00:25:00    id: 111

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Algorithms to Sample From Streams

Jonathan Arfa

Algorithms to Sample From Streams

# Jonathan Arfa



start: **17:00** end: **17:25**

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Python for segregated signal averaging of cardiac baroreflex response in humans

Trevor Witter

Python for segregated signal averaging of cardiac baroreflex response in humans

# Trevor Witter

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Creating a culture of Computation - Scientific, Social and Humanitarian

Evan Misshula

Creating a culture of Computation - Scientific, Social and Humanitarian

# Evan Misshula

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Len: 00:25:00 id: 110

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Write Less Code with Algebra!

Gene Callahan

# Write Less Code with Algebra!

# Gene Callahan

start: 11:15 end: 12:10

Len: 00:55:00 id: 111

set page 36 of 86

Making Games

Piper Thunstrom

# Making Games

# Piper Thunstrom

start: **12:15** end: **12:40**

Len: 00:25:00 id: 111

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Yosai in the Wild

Darin Gordon

# Yosai in the Wild

# Darin Gordon

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Len: 00:25:00    id: 110

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Piecing it Together: A beginner's guide to application configuration

Mary

Piecing it Together: A beginner's guide to application configuration

# Mary

start: **14:15**    end: **15:10**    Len: 00:55:00    id: 111

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Opening the Magic Box: Creating transitional Python libraries and IDE tools for young learners

Meg Ray

Opening the Magic Box: Creating transitional Python libraries and IDE tools for

# Meg Ray

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Understanding GPU Programming

Daniel Kronovet

# Understanding GPU Programming

# Daniel Kronovet



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Modular SQL Using SQLAlchemy

Bo Du

# Modular SQL Using SQLAlchemy

# Bo Du

start: **16:30** end: **17:25**

Len: 00:55:00 id: 111

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Distributed Consensus with Raft

John Feminella

Distributed Consensus with Raft

# John Feminella

start: 09:00

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Len: 00:10:00

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InvestiGator

Eric Schles

# InvestiGator

# Eric Schles

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Len: 00:55:00    id: 110

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Writing Neural Networks from Scratch

Eric Schles

Writing Neural Networks from Scratch

# Eric Schles

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Probabilistic Graphical Models in Python

Aileen Nielsen

Probabilistic Graphical Models in Python

# Aileen Nielsen

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wat ■ Mind-bending Edge Cases in Python

Dustin Ingram

wat ■ Mind-bending Edge Cases in Python

# Dustin Ingram

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An End to Boring Data with Visualizations

Heather Shapiro

An End to Boring Data with Visualizations

# Heather Shapiro

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An Introduction to Reinforcement Learning

Jessica Forde

An Introduction to Reinforcement Learning

# Jessica Forde



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Demystifying Python Method Resolution Order

AMiT Kumar

Demystifying Python Method Resolution Order

# AMiT Kumar

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Simple Serverless ETLs in AWS

Ryan Tuck

# Simple Serverless ETLs in AWS

# Ryan Tuck

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Len: 00:25:00 id: 111:

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Using Python to Study Black Holes

Daniela Huppenkothen

Using Python to Study Black Holes

# Daniela Huppenkothen

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An Intro To Building GUI Applications Using PyQt

Monica Chelliah

An Intro To Building GUI Applications Using PyQt

# Monica Chelliah

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Distributed Python with Dask

Matthew Rocklin

# Distributed Python with Dask

# Matthew Rocklin

start: 17:30

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Len: 00:55:00

id: 110

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Empathy and Teaching

Katie Cunningham

# Empathy and Teaching

# Katie Cunningham

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Len: 00:55:00 id: 111

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Anomaly Detection Algorithms and Techniques for Real-World Detection Systems

Manojit Nandi

Anomaly Detection Algorithms and Techniques for Real-World Detection System

# Manojit Nandi

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Sensely: Office Automation with the Internet of Things and Python

Luigi Patruno

Sensely: Office Automation with the Internet of Things and Python

# Luigi Patruno



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The Colors, Duke! Steganography using the Python Imaging Library (PIL)

Prakash Venkat

The Colors, Duke! Steganography using the Python Imaging Library (PIL)

# Prakash Venkat

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Modeling State in Text Adventure Games

Katie Silverio

Modeling State in Text Adventure Games

# Katie Silverio

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python-dateutil: A delightful romp in the never-confusing world of dates and times

Paul Ganssle

python-dateutil: A delightful romp in the never-confusing world of dates and times

# Paul Ganssle

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Abstractions and building up: A case study with chess\_py, an open source chess platform

Aubhro Sengupta

Abstractions and building up: A case study with chess\_py, an open source che

# Aubhro Sengupta

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Python Gone Bananas: Monkey Patching Isn't Monkey Business

James Powell

Python Gone Bananas: Monkey Patching Isn't Monkey Business

# James Powell

start: **15:15**    end: **15:40**

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Algorithmically Generated Music Using Pyo Based on User Data

David Groff

Algorithmically Generated Music Using Pyo Based on User Data

# David Groff

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Wrapping Go in Python

Marcus Willock

# Wrapping Go in Python

# Marcus Willock

start: **16:30**    end: **17:25**

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RESTful Service Design: Patterns and Anti-Patterns

Jeff Revesz

RESTful Service Design: Patterns and Anti-Patterns

# Jeff Revesz



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Exploring Cryptography

John Downs

# Exploring Cryptography

# John Downs

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Cryptography in Python

Amirali Sanatinia

# Cryptography in Python

# Amirali Sanatinia

start: **10:30** end: **10:55**

Len: 00:25:00 id: 111

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Making Sense of 100 Years of NYC Opera with Python

Suby Raman

Making Sense of 100 Years of NYC Opera with Python

# Suby Raman

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Len: 00:55:00 id: 111:

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Don't Overreact: Moving from Twisted to Asyncio

Brian Muller

Don't Overreact: Moving from Twisted to Asyncio

# Brian Muller

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The Sound of Data: Using Python to transform data streams into music.

Gabriel Levine

The Sound of Data: Using Python to transform data streams into music.

# Gabriel Levine

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Len: 00:25:00    id: 110

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Introduction to Web Scraping using Scrapy

Kaira Villanueva

Introduction to Web Scraping using Scrapy

# Kaira Villanueva

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Len: 00:55:00 id: 111

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We're All Database Engineers (WADE)

Adrian Kramer

We're All Database Engineers (WADE)

# Adrian Kramer

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Len: 00:25:00 id: 110

set page 72 of 86

Build your own python pet!

Tatiana Tylosky

# Build your own python pet!

# Tatiana Tylosky



start: 16:00

end: 16:25

Len: 00:25:00

id: 111

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Python for Home-Ec

Adam Forsyth

# Python for Home-Ec

# Adam Forsyth

start: **16:30** end: **17:25**

Len: 00:55:00 id: 110

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Hacking/typing/writing at 200 words per minute

Ted Morin

Hacking/typing/writing at 200 words per minute

# Ted Morin

start: **09:00**

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Len: 00:55:00

id: 110

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Everything You Always Wanted to Know About NLP but Were Afraid to Ask

Steven Butler and Max Schwartz

Everything You Always Wanted to Know About NLP but Were Afraid to Ask

Steven Butler and Max Schwartz

start: **10:00**    end: **10:25**

Len: 00:25:00    id: 111

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A custom language (PPCL) plugin and syntax for Sublime Text 3

Brien Blandford

A custom language (PPCL) plugin and syntax for Sublime Text 3

# Brien Blandford

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Spark Dataframes for the Pandas Pro

Alfred Lee

Spark Dataframes for the Pandas Pro

# Alfred Lee

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Len: 00:25:00    id: 112

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Pulling Cloud data into a database using Requests and Pandas

Matthew Freihaut

Pulling Cloud data into a database using Requests and Pandas

# Matthew Freihaut

start: 11:45 end: 12:10

Len: 00:25:00 id: 112

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Snakes in a browser

Russell Keith-Magee

# Snakes in a browser

# Russell Keith-Magee

start: **12:15** end: **12:40**

Len: 00:25:00 id: 110

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Beginner Pythonistas: Setting up Your Workspace (Life pre-Python)

Reshama Shaikh

Beginner Pythonistas: Setting up Your Workspace (Life pre-Python)

# Reshama Shaikh



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Higher-level Natural Language Processing with textacy

Burton DeWilde

Higher-level Natural Language Processing with textacy

# Burton DeWilde

start: **14:15**    end: **14:40**

Len: 00:25:00    id: 111

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Distributed Tracing in Python

Yuri Shkuro

# Distributed Tracing in Python

# Yuri Shkuro

start: 14:45

end: 15:10

Len: 00:25:00

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MacroPythonic

Jerry Meeker

# MacroPythonic

# Jerry Meeker

start: **15:15**    end: **15:40**

Len: 00:25:00    id: 111

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Advanced Git

David Baumgold

# Advanced Git

# David Baumgold

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Visualization and Analysis for Multimodal Presentation (VAMP)

Ben Leong

Visualization and Analysis for Multimodal Presentation (VAMP)

# Ben Leong

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Len: 00:55:00    id: 110

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When the database can't keep up

Adam DePrince

When the database can't keep up

# Adam DePrince