



November 2019 SoCal Python Meetup Highlights

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Who am I?

About Perry

- Motivates, mobilizes, and connects cross-functional teams with technical solutions and support
- Provides customer-focused Computer Professional services with Data Science / Systems Engineering experience in commercial and non-profit industries.
- Delivers system, network, and security support in a wide variety of business and home environments.
- Partners with clients for training and end-developer support efforts, especially in the areas of configuration management, operating system integration.

In Our Last Episode...

November SoCal Python Meetup 11/19/2019

- Held in Playa Vista at the OrderMark office
- Sponsor:
 - OrderMark
 - Facilitate online ordering services
 - Hiring!: <https://jobs.lever.co/getordermark>

Events coming up...

- PyData LA (Done! Held 12/3-12/5)
- PyBeach (Chatsworth - 2/29/2020):
Inaugural Regional Python Conference
 - Volunteers welcome!

Talk 1: Mark Ferrer – Introduction to Django Channels

- Director of Software Engineering / OrderMark
- Mark advised that **Django Channels 2** is the way to go
- Reference: <https://channels.readthedocs.io/en/latest/>
- Follow tutorials:
<https://channels.readthedocs.io/en/latest/tutorial/index.html>
- No apparent posted github references or references to code or slides

Talk 2: Mark Koester – A Year in Data

- A Year in Data: Self-Tracking and Personal Data Analysis with Python
- Website: <http://markwk.com/>
- Github: @markwk
- Slides:
<https://rawgit.com/markwk/python4selftrackers/master/slides/index.html>
- Mindmap of Quantized Self (Cross reference repo: qs_mind_map)
 - https://github.com/markwk/qs_mind_map/blob/master/qs-mind-map-full.png

Talk 2: Mark Koester – A Year in Data (Part 2)

- Some ways to do it:
 - Wearables
 - Mood tracking
 - Time tracking: RescueTime, etc.
- Quantized Self (Cross reference repo: awesome-quantified-self)
 - List of apps: <https://github.com/markwk/awesome-quantified-self>
- QS Ledger: Personal Data Aggregator via Jupyter Notebook:
https://github.com/markwk/qs_ledger

Getting Started

- #1: Start with a question or a goal or a search
 - NOT the data
 - BUT the actual goal
 - Then, track it
- Tutorial notes here: <https://github.com/markwk/python4selftrackers>
- Habitica – Task management to gamify your life
- Papermill – Parametrizing, executing, and analyzing Jupyter Notebooks
- Selfie Tip: Take photos outside – healthier looking (?)

Getting Started (Part 2)

- #2: Engage with your data and use Python
- What to track:
 - Health
 - Blood Tests
 - Sleep
 - Heart Rate Variability
 - Activity/Steps (Fitbit, etc.)
 - Time
 - RescueTime
 - ToDoist

Getting Started (Part 3)

- What to track (continued):
 - Goals (Projects and Tasks)
 - Quantify Work
 - Money (mint.com) Personal Capital
 - Etc.

Getting Started (Part 4)

- Q&A:
 - 1. What's used for visualization?
 - Matplotlib (Legacy)
 - Seaborn
 - Plotly
 - 2. Good resources for biomarkers?
 - <https://github.com/markwk/awesome-biomarkers>
 - 3. Do you use Getting Things Done for everything?
 - Every project needs a next action.

Getting Started (Part 5)

- Q&A (continued):
 - 4. AB Tests?
 - Make a hypothesis
 - Compare two data sets
 - Determine if they're statistically significant
 - Crossover designs
 - 5. Do you face anxiety in tracking?
 - Nah.
 - 5 minute - pretty quick.

Questions???

Recap

- Django Channels 2 talk
- Quantized Self talk

Perry Rivera

- Github:
 - <https://github.com/perryrivera/socalpythonmeetupnov2019>



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Thank You!