Hillsboro Python Machine Learning Meetup

March/2018

Ernest Bonat, Ph.D.

Senior Software Engineer

Senior Data Scientist

DAT Wi-Fi

Username: DAT Guest

Password: beaverton dat

- 6:00 – 6:40 pm: Pizza, **water only** and networking.

- 6:40 – 6:45 pm: Welcome message by Ernest Bonat, Ph.D.

- 6:45 – 8:00 pm: Presentation and open discussions.

- 8.00 pm – 9.00 pm: Coding and learning session. Bring your Python development laptop!

Why did I create this meetup?

1. Bad traffic to Portland downtown.

2. Vert hard to find a parking lot.

3. Bad Python presentation code.

4. No time at all to review the presentation and learn something after the meeting.

Bad Python presentation code:

TensorFlow-Northwest Meetup this month
(https://www.meetup.com/TensorFlow-Northwest/)

1. Python program crashed, no one fixed!

Bad dataset split:

X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=0); 0.2 means 20% test data, 80% train data

Good dataset split:

X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.3, stratify=y, random_state=0)

We need your support:

1.   Need 1 Senior Python Developers for presentation and code review every month (Co-organizers, 4-6 hours a month)

2.   Email Ernest at ebonat@15itresources.com

Our Meetup Mission:

1.   *"Come, Listen, Code and Learn"*

2.   Finding and presenting best practices of Machine Learning using Python Data Stack.

3.   Create great networking place for Hillsboro-Beaverton Data Scientists.

Today Presentation

"Best Models Selection of Machine Learning Algorithms with K-fold Cross-Validation!"

"Train/Test Split and Cross Validation Python"

https://towardsdatascience.com/train-test-split-and-cross-validation-in-python-80b61beca4b6