

Hillsboro Python Machine Learning Meetup

Jan/2017 (first meeting!)

Ernest Bonat, Ph.D.
Senior Software Engineer
Senior Data Scientist

- 6:00 – 6:40 pm: Pizza, water 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. Hard to find a parking.
3. Bad Python presentation code.
4. No time at all to review the presentation and learn something after the meeting.

We need support:

1. Need 2 Senior Python Developers for presentation and code review every month (Co-organizers, 4-6 hours a month).
2. Every meeting cost about \$200. We need companies to sponsor our meetings.
3. 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:

"Percent Frequency Distribution Analysis
using Python Data Stack"

A frequency distribution is a tabular summary of data showing the number (frequency) of observations in each of several non-overlapping categories or classes

A percent frequency distribution is a tabular summary of a set of data showing the percent frequency for each class.

Hotel Rating:

Rating	Percent Frequency
Poor	10
Below Average	15
Average	25
Above Average	45
Excellent	5
Total	100

Coding session:

Apply Percent Frequency Distribution
Analysis to a TV Networks

Presentation source code:

(https://github.com/ebonat/hillsboro_machine_learning_01_2017)