

# Machine Learning with H<sub>2</sub>O

H<sub>2</sub>O.ai

 2 Days Training

# H2O Training Agenda - Day 1

9:00am – 10:30pm	<ul style="list-style-type: none"><li>• H2O Introduction, platform and algorithms</li><li>• How H2O Scales R/Python on Hadoop</li></ul>
10:30pm – 10:45pm	Break
10:45pm – 12:00pm	<ul style="list-style-type: none"><li>• H2O FLOW, R and Python Example</li><li>• Write R/Python script and build a model using H2O</li></ul>
12:00pm – 1:00pm	Lunch
1:00pm – 2:30pm	<ul style="list-style-type: none"><li>• H2O Algorithms – Focus on H2O implementation</li><li>• Best practices for model tuning</li></ul>
2:30pm – 2:45pm	Break
2:45pm – 3:45pm	Build a model using H2O and utilize best practices for model tuning
3:45pm – 4:00pm	Break
4:00pm – 5:30pm	Model interpretability in machine learning

# H2O Training Agenda - Day 2

9:00am – 10:30pm	<ul style="list-style-type: none"><li>• Data munging in Flow, R, Python</li><li>• Function walkthrough and Example</li><li>• ML exercise with Lending Club Dataset</li></ul>
10:30pm – 10:45pm	Break
10:45pm – 12:00pm	<ul style="list-style-type: none"><li>• Hands on session with Lending Club Dataset</li></ul>
12:00pm – 1:00pm	Lunch
1:00pm – 2:30pm	<ul style="list-style-type: none"><li>• H2O Models in Production</li><li>• Scoring with Binary, POJO and MOJO models</li></ul>
2:30pm – 2:45pm	Break
2:45pm – 4:00pm	Use Case Discussion

# Meet the Team

- Fonda Ingram
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# About your instructor

- Avkash Chauhan
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  - <https://www.linkedin.com/in/avkashchauhan>
  - Head of enterprise products and customers
  - Previous Experience at Big Data Perspective, Platfora, Microsoft
- Blogs:
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  - <https://dzone.com/users/1425729/Avkash.html>
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