Machine Learning Virtual Summer Camp Schedule

# Monday, July 20

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| Time | Topic | Presenter |
| 9:00 - 9:30 | Welcome and Introductions | Gary Hatfield |
| 9:30 - 10:30 | Data and Statistics | Melissa Lynn |
| 10:30 -11:00 | Fun Exercise | Jeff Calder |
| 11:00 -12:00 | Pre-work review and intro to Programming | Melissa Lynn |
| 12:00 -1:00 | Lunch Break | NA |
| 1:00 -2:00 | Programming cont. | Jeff Calder |
| 2:00 - 2:30 | Fun Exercise | Nadia Drenska |
| 2:30 -3:30 | Practitioner Talk | Kaisa Taipale (CH Robinson) |
| 3:30 - 4:30 | Exploratory Data Analysis | Gary Hatfield |
| 4:30 – 5:00 | Intro to Classification | Nadia Drenska |

# Tuesday, July 21

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| Time | Topic | Presenter |
| 9:00 - 9:30 | Welcome and Review | Gary Hatfield |
| 9:30 - 10:30 | Classification and K-Nearest Neighbors | Melissa Lynn |
| 10:30 -11:00 | Fun Exercise | Nadia Drenska |
| 11:00 -12:00 | Decision Trees and Support Vector Machines | Jeff Calder |
| 12:00 -1:00 | Lunch Break | NA |
| 1:00 -2:00 | Unsupervised Learning | Nadia Drenska |
| 2:00 - 2:30 | Fun Exercise | Jeff Calder |
| 2:30 -3:30 | Practitioner Talk | Doug Armstrong (Securian) |
| 3:30 - 4:00 | Fun Exercise | Melissa Lynn |
| 4:00 – 5:00 | Model Evaluation and Selection | Gary Hatfield |

# Wednesday, July 22

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| Time | Topic | Presenter |
| 9:00 - 9:30 | Welcome and Review | Gary Hatfield |
| 9:30 - 10:00 | Mini-project Practice | Nadia Drenska |
| 10:00 – 11:00 | Practitioner Talk | Mauricio Flores (Amazon) |
| 11:00 -12:00 | Mini-Project Practice | All |
| 12:00 -1:00 | Lunch Break | NA |
| 1:00 -1:30 | Mini-Project Practice | All |
| 1:30 – 2:00 | Additional Topics | Melissa Lynn |
| 2:00 – 2:30 | Fun Exercise | Melissa Lynn |
| 2:30 – 3:30 | Practitioner Talk | Tina Nguyen (US Bank) |
| 3:30 – 4:00 | Fun Exercise | Gary Hatfield |
| 4:00 – 4:30 | Additional Topics | Nadia Drenska |
| 4:30 – 5:00 | Introduction to Projects | Melissa Lynn |

# Thursday, July 23

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| Time | Topic | Presenter |
| 9:00 – 9:30 | Welcome | Gary Hatfield |
| 9:30 - 10:30 | Team Project Work | All |
| 10:30 – 11:00 | Whole Group Check-in | Gary Hatfield |
| 11:00 -12:00 | Team Project Work | All |
| 12:00 -1:00 | Lunch Break | NA |
| 1:00 -3:30 | Mini-Project Practice | All |
| 3:30 – 4:30 | Practitioner Panel | Panel |
| 4:30 – 5:00 | Whole Group Check-in | Melissa Lynn |

# Friday, July 24

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| Time | Topic | Presenter |
| 9:00 – 9:30 | Welcome | Gary Hatfield |
| 9:30 – 12:00 | Team Project Work | All |
| 12:00 -1:00 | Lunch Break | NA |
| 1:00 – 5:00 | Presentations | All |