Schedule

Monday – June 25, 2018
Introductions & overview of the week

Presentations of research projects by undergraduate, Master's and PhD students

Industry Speaker: Jeff Hamilton, Head of Consumer Insights BMW Group

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Careers and types of jobs in DS, ML, and AI

"The ABC's and Applications of Data Science"

Overview of group project for the week: Spotify

Tuesday – June 26, 2018
Data Summarization and Visualization module (using Tableau & SPSS)

- Techniques for data summarization and visualization lecture
- Data summarization and visualization hands-on lab session

Industry speaker: Becky Jacob, Data Scientist, Sprout Social

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Wednesday – June 27, 2018

Model building through classification module – part I

- Classification techniques using decision trees lecture and hands-on lab session
- Classification models for different case studies– student participants choose datasets from their domain of interest, apply a classification technique, and present their classification models

Industry Speaker: Adam Hecktman, Microsoft's Director of Technology & Civic Innovation for Chicago

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Thursday – June 28, 2018

Model building through distance-based methods module – part II

- Using distance-based method for recommendation. Hands on lab session with a joke recommender system,
- Clustering techniques lecture and hands-on lab session

Speaker: Jon Gemmell, Assistant Professor, DePaul University – Artificial Intelligence & Machine Learning

LinkedIn Profile   DePaul College of Computing and Digital Media

Friday – June 29, 2018

Preparation for the final group presentations

Industry speaker: Amy Foran, Marketing Science Partner, Retail Vertical, Facebook

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Student presentations

Reception