**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

[LinkedIn Profile](https://www.linkedin.com/in/jeffhamilton11/)    [Company Website](https://www.bmwgroup.com/en.html)

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

[LinkedIn Profile](https://www.linkedin.com/in/becky-jacob-73070a50/)     [Company Website](https://sproutsocial.com/)

**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

[LinkedIn Profile](https://www.linkedin.com/in/adamhecktman/)     [Company Website](https://www.microsoft.com/en-us/mtc/locations/chicago.aspx)

**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](https://www.linkedin.com/in/jonathangemmell/" \t "_blank)     [DePaul College of Computing and Digital Media](https://www.cdm.depaul.edu/about/Pages/School-of-Computing.aspx)

**Friday – June 29, 2018**  
Preparation for the final group presentations

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

[LinkedIn Profile](https://www.linkedin.com/in/amy-foran/)     [Company Website](https://newsroom.fb.com/company-info/)

Student presentations

Reception