*Student Seminar*

# Pi Mu Epsilon
## & GAMECOCK MATH CLUB



Charles Cavalier

## Advanced Analytics, An Exposition and Applications

by Charles Cavalier, Analytical Consultant
SAS Global Hosting and US Professional Services

**Abstract:** The field of Advanced Analytics has grown rapidly in recent years. As such, there are numerous employment opportunities for recent graduates across a multitude of industries. This presentation aims to characterize the field of Business Analytics and provide the audience with context surrounding the work of a Data Scientist. To further illustrate the role as Data Scientist, an example analysis will be presented that illustrates how multiple academic disciplines often intersect when solving business problems.

**Short Bio:** Charles "Chas" Cavalier is an Analytical Consultant for SAS Institute. During his five years at SAS, he has supported projects across many disciplines including fraud detection, threat analytics, child safety and welfare, and IoT sensor analytics projects. Prior to joining SAS, he worked as a traffic safety analyst at the Louisiana State University Highway Safety Research Group. He holds masters degrees in Information Systems and Decision Sciences as well as Mathematics from Louisiana State University and the University of South Carolina, respectively.

Tuesday 13th February 2018
6:00 pm
LC 310

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