Dr. Jeffrey Strickland

Simulation-Educators & George Washington University

United States of America

Seminar Series

Predictive Analysis using

Open Source Tools

September 7-8, 2018

0900 - 1700

School of Information Technology Engineering

Vellore Campus

Seminar Schedule

Day 1

Lecture Date	Lecture Day	Time	Lecture Topic
7-Sep-18	Friday	0900-0905	Introduction
7-Sep-18	Friday	0905-1000	Predictive Modeling Basics
7-Sep-18	Friday	1000-1010	Break
7-Sep-18	Friday	1010-1050	Open Source Tools
7-Sep-18	Friday	1050-1100	Break
7-Sep-18	Friday	1000-1200	Statistical Models
7-Sep-18	Friday	1200-1300	Lunch
7-Sep-18	Friday	1300-1400	Machine Learning (ML) models
7-Sep-18	Friday	1400-1415	Break
7-Sep-18	Friday	1415-1505	Ensemble Models
7-Sep-18	Friday	1505-1520	Break
7-Sep-18	Friday	1520-1610	Model Scoring
7-Sep-18	Friday	1610-1625	Break
7-Sep-18	Friday	1625-1700	Mixed Models

Day 2

Lecture Date	Lecture Day	Time	Lecture Topic
8-Sep-18	Saturday	0900-0905	Introduction
8-Sep-18	Saturday	0905-1000	Text Mining in Industry
8-Sep-18	Saturday	1000-1010	Break

8-Sep-18	Saturday	1010-1050	R Packages for Text Mining
8-Sep-18	Saturday	1050-1100	Break
8-Sep-18	Saturday	1000-1200	Advanced Trees and Clustering Preview
8-Sep-18	Saturday	1200-1300	Lunch
8-Sep-18	Saturday	1300-1400	R Text Mining Examples I - Tidy Text
8-Sep-18	Saturday	1400-1415	Break
8-Sep-18	Saturday	1415-1505	R Text Mining Examples I - Sentiment Modeling
8-Sep-18	Saturday	1505-1520	Break
8-Sep-18	Saturday	1520-1610	R Text Mining Examples I - Topic Modeling
8-Sep-18	Saturday	1610-1625	Break
8-Sep-18	Saturday	1625-1700	Text Mining Wrap-up – Concept Mapping