

CONFERENCES AND PRESENTATIONS

Conferences

Organizer, *Inaugural Connecticut Data Mining Conference, Central Connecticut State University Institute of Technology and Business Development; April 27, 2012; New Britain, CT.*

Presentations

Wedding D.K.; Presentation: Monte Carlo K-Means Clustering, *SAS Global Forum 2018; April 8-11, 2018; Denver, CO.*

Wedding D.K.; Presentation: Multivariate Cluster Analysis, *Northwestern University School for Professional Studies Symposium on Distance Learning October 5-7, 2017; Chicago, IL.*

Wedding D.K.; Presentation: Overview of Machine Learning, *Northwestern University School for Professional Studies Symposium on Distance Learning October 20-22, 2016; Chicago, IL.*

Wedding D.K.; Presentation: Careers in Statistics and Data Science, *Ohio University Career Fair, February 16, 2016; Athens, OH.*

Wedding D.K.; Presentation: Customized Text Clustering Within Enterprise Miner 6.1, *SAS M2010 Data Mining Conference; October 25-26, 2010; Las Vegas, NV.*

Wedding D.K.; Presentation: Incorporating Fuzzy Cluster Memberships Within SAS Enterprise Miner

- *SAS M2009 Data Mining Conference; October 26-27, 2009; Las Vegas, NV*
- *Insurance and Financial SAS Users Group (IFSUG), March 5-6, 2012; Cary, NC*
- *Ohio SAS Users Group (OHSUG), May 14, 2012; Twinsburg, OH*

Vandenberg E.H., Wedding D.K., Francis L.; Presentation: Using Analytics to Boost Your Bottom Line in P&C Insurance, *SAS Global Forum 2008; March 16-19, 2008; San Antonio, TX.*

PUBLICATIONS

Technical Publications

- Wedding D.K.; “Extending the Data Mining Software Packages SAS Enterprise Miner and SPSS Clementine to Handle Fuzzy Cluster Membership: Implementation with Examples”, Master’s Thesis; *Central Connecticut State University*, New Britain, CT; 2009.
- Wedding D.K.; Review: Online Course: Text Mining by Statistics.com, <http://www.statistics.com/>; *Information Processing and Management*, volume 42, issue 4, pp. 1132-1135; July 2006.
- Wedding D.K.; Book Review: “Discovering Knowledge in Data, an Introduction to Data Mining by Daniel T. Larose, ISBN: 0471666572”; *Information Processing and Management*, volume 41, issue 5, pp. 1307-1309; September 2005.
- Wedding D.K. and Cios K.J.; “Certainty Factors Versus Parzen Windows as Reliability Measures in RBF Networks”, *Neurocomputing, Volume 19, Issues 1-3: Special Issue on RBF Neural Networks*, pp. 151-165; 1998.
- Cios K.J. and Wedding D.K.; “Radial Basis Functions and Their Reliability Measures - Parts I and II”, Honorary Volume for Prof. D.D. Raftopoulos, Gdoutos E.E. (ed.), Democritus University of Thrace; Xanthi, Greece; pp. 410-439; (1998).
- Cios K.J.; Wedding D.K.; Serpen G.; “RBF Networks with Fuzzy Covariance Matrices” International Conference on Neural Networks (ICNN) ‘96, Washington, D.C. June 3-6, 1996; Volume: Plenary, Panel, and Special Sessions, pp.187-192; 1996. (Invited Paper).
- Wedding D.K. and Cios K.J.; “Time Series Forecasting by Combining RBF Networks, Certainty Factors, and the Box-Jenkins Model” *Neurocomputing, Volume 9, Issue 2: Special Issue on Financial Applications*, pp.149-168; August 1995.
- Wedding D.K.; “Increased Accuracy of Radial Basis Function Neural Networks through the Implementation of Certainty Factors”, Doctoral Dissertation; *University of Toledo*, Toledo, OH; 1995.
- Wedding D.K. and Chick D.E.; “NADEP NORIS Uses Alslys Ada to Develop Low Cost Trainer” *Alslynews*; Vol. 5 Number 3; Fall 1991.
- Wedding D.K., Cios K.J., and Goodenday, L.S.; “A Bayesian Approach for Dealing with Uncertainties in Detection of Coronary Artery Stenosis Using a Knowledge-Based System” *IEEE Engineering in Medicine and Biology Magazine*; December 1989.

COURSES TAUGHT

Northwestern University Graduate School

IDS 453: Introduction to Techniques of Predictive Analytics
MSDS 401: Applied Statistics with R
MSDS 410: Predictive Modeling I
MSDS 411: Generalized Linear Models
MSDS 422: Practical Machine Learning with Python
MSDS 498: Data Science Capstone

University of Akron Graduate School

6500:305 – Business Analytics
6600:491 – Professional Marketing Workshop

Rasmussen College

QMB 3100: Foundations of Analytic Platforms and Software (Cloud Computing)
QMB 4200: Advanced Analytic Platforms and Software (SAS Programming)
QMB 4400: Data Analysis and Optimization (Python Programming)
QMB 4500: Data Visualization Implementation and Communications (Tableau)
Rasmussen College Bachelor Degree in Data Analytics

QMB 5000: Foundations of Data Science (Python and R Programming)
QMB 5100: Data Science Languages (Python and R Programming)
QMB 5300: Statistical Methods (R Programming)
QMB 5400: Fundamental Classification Techniques (Python Programming)
QMB 5500: Risk Assessment and Modeling (SAS Programming)
Rasmussen College Master Degree in Data Analytics

American Public University System (APUS)

DATS 200: Functional Methods and Coding (Various Tools)
DATS 201: Analytical Methods I (Theory)
DATS 211: Introduction to Data Science (R Programming)
DATS 301: Analytical Methods II (R Programming)
MATH 120: Introduction to Statistics (Analysis Using Excel)
MATH 302: Statistics (Analysis Using Excel)
MATH 410: Design of Experiments (Theory)
MATH 411: Advanced Data Science (R Programming)
MATH 431: Linear Regression II (Analysis Using Excel)
MATH 530: Applied Statistics (Excel)

COURSES DESIGNED

Northwestern University Graduate School

IDS 453: Introduction to Techniques of Predictive Analytics

Northwestern University MS IDS Degree (2016)

MSDS 411: Generalized Linear Models

MSDS 498: Data Science Capstone

Northwestern University MS Data Science Degree (2015)

University of Akron Graduate School

6600:491 – Marketing Segmentation Workshop

Rasmussen College

QMB 5100: Data Science Languages (Python and R Programming)

QMB 5500: Risk Assessment and Modeling (SAS Programming)

QMB 6000: Advanced Statistical Techniques (Python, R, and SAS Programming)

QMB 6200: Text Mining (Python NLTK)

QMB 6400: Data Visualization and Communication (Tableau)

Rasmussen College Master Degree in Data Analytics

SAS Institute

Best Practices in Cluster Analysis for Customer Relationship Management (CRM)

SAS Business Knowledge Series (BKS) Course