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Sabbatical Research:

Data Analytics Techniques in Actuarial Science

Actuarial science is a data driven field. With the explosion in sources and volume of data available and the rise of data science and predictive analytics, techniques and technologies being used in the field are changing rapidly producing many new research opportunities. The sabbatical focused on retraining in these new areas. Information learned has been used to develop example databases for use in class and to train undergraduate researchers. In addition, development of class materials, advising students, updating actuarial science curriculum to stay current with these trends, and development of research projects are ongoing benefits.