



SONALI SAXENA

KEY QUALIFICATIONS

Ms. Saxena is a Statistical Research Associate at Analytic Focus, LLC. She has significant experience in Statistics and Mathematics research. She has extensive expertise in Predictive Modeling Techniques in the following: Logistic Regression, Linear Regression, Time Series Analysis and Multivariate Statistical Techniques such as: Principal Component Analysis, Factor Analysis, Cluster Analysis and Discriminant Analysis. She is also well versed in Survey Design and analytical techniques pertaining to Survey Data Analysis.

Ms. Saxena's work with Analytic Focus has dealt with the prediction of prepayment and default rates for mortgage backed securitizations on pool or loan levels, investigating discriminations, trademark infringement, patent infringement, developing sample strategies and analyzing litigation compensation along with other analytical applications.

Prior to joining Analytic Focus, LLC, Ms. Saxena was a Research Assistant with Deanza College where she conducted statistical research for the school. She is current BASE SAS 9 certified and has extensive experience using STATA, SAS and R.

EDUCATION

M.S., Statistics, California State University East Bay, 2007

M.A, Mathematics, St. Stephen's College, Delhi University, (India) 2001

B.A, Mathematics, St. Stephen's College, Delhi University, (India) 1999

PROFESSIONAL EXPERIENCE

Statistical Research Associate, Analytic Focus, LLC, 2014 – Present

Healthcare Data Analyst, Kaiser Permanente, 2008

Vendor Relations Analyst Intern, Washington Mutual, 2007

ACADEMIC EXPERIENCE

Research Assistant, Deanza College, 2014

Research Assistant, University of Rajasthan (India), 2012 – 2013

Teaching Assistant, Pennsylvania State University, 2010 - 2011

LICENSES AND CERTIFICATIONS

BASE SAS 9 Certified

PUBLICATIONS

- Jimenez, Amber, & Sonali, Saxena. (2016, April). The Application of Statistics in Predictive Coding. Presented at Conference of Texas Statisticians, Trinity College, San Antonio, Texas.
- Crissey, Mary Grace, & Sonali, Saxena. (2016, May). Predictive Coding In Assisted Review, Big Data Solutions. <https://www.analyticfocus.com/resources/>
- Sanchez, Michael, & Sonali, Saxena. (2016, August). Statistical Sampling: Confidence Intervals and Margin of Error [Powerpoint Slides]. <https://www.analyticfocus.com/resources/>
- Sonali, Saxena. (2017, October). Data Mining to Detect and Prevent Fraud [Blog post]. <https://www.analyticfocus.com/resources/>
- Sonali, Saxena. (2019). Problems With Small Sample Sizes in Construction Defects [White Paper]. <https://www.analyticfocus.com/whitepapers/>