

ASHWINI NARKAR

OBJECTIVE

A position as an Assistant Director, Assessment and Institutional Research at University of Wisconsin - Milwaukee

PROFILE

- Professional experience in **Base SAS, SAS Macros, SAS/Access, SAS/Connect, SAS/SQL, SAS/Graph, SAS/Stat, SAS Output Delivery System (ODS)** in **Windows** and **Unix** environment
- Adept at extracting data from applications (like **MS Excel**), databases (like **Oracle, SQL Server**) and delimited files (Comma, tab-delimited) into **SAS or SPSS**. Equally adept at outputting data to **HTML, PDF** and **RTF** formats, especially tables, listings, graphs and reports
- Strong working experience in **UNIX Shell Scripting, Oracle, PL/SQL**
- Hands on skills in regression modeling using **SAS 7.0/v8.2/v9.1.2**.
- Experience in generating **Statistical Analysis** Files, Tables, Listings, Graphs, Validations, Documentation
- Worked extensively on various **Statistical Models** and **SAS/STAT**
- Excellent command in producing reports employing various **SAS** procedures, like **Proc Print, Proc Report, Proc Summary, Proc Freq, Proc Tabulate, Proc Means, Proc Univariate, Proc Transpose, Proc Rank, Proc SQL, Data _Null_**
- Worked extensively on **Excel/Pivot Tables, Excel/VBA** and **MS Access**
- Strong experience with student database systems - **SCT BANNER & ARGOS**
- Completed **Foundations I Institute** : The Practice of Institutional Research, 2008

EDUCATION

Bowling Green State University

Masters of Arts in Mathematical Statistics

Bowling Green, Ohio

May 2007

University of Pune

Masters of Science in Statistics

Pune, India

May 2004

University of Mumbai

Bachelors of Science in Mathematics, Statistics & Economics

Mumbai, India

May 2001

EXPERIENCE

Research Analyst - Office of Institutional Research (OSPIRE)

October 2007 - Present

Indiana State University

Terre Haute, Indiana

- Created and Maintained graduate retention/ graduation and time to degree databases
- Produced technical reports, designed and conducted institutional surveys : Student Information Questionnaire for New Fall Freshman and Transfer Students, NCA – Faculty/Staff/Students, Athletic Coaching questionnaire, etc
- Developed and Maintained relevant databases and documentations e.g. Undergraduate retention and graduation databases, Characteristics of New Fall Freshman Students and Transfer Students, etc
- Analyzed and developed annual reports like Departmental Profile, Factbook, High School Profile, Freshman Profile, Transfer profile, Graduate Profile, International Profile, Scholarships awarded (MAPS/Merit/Pell/Laptop)
- Created Transfer report by Selected Institutions, NSSE – First Year Experience and Senior Survey reports, CEP (Correction Education Program), Transfer Census, VSA’s College portrait, etc
- Created Migration reports by departments
- Developed Official Retention and Graduation Summaries by various factors (Gender, Ethnicity, etc) for each semester
- Successfully completed internal/external data requests
- Wrote research briefs and served on committees pertaining to relevant topics
- Provided assistance with fulfillment of compliance requirements for NCA
- Validated data and created reports using different procedures like Proc Freq, Proc Means, Proc Transpose, Proc Datasets, Proc Sort, Proc Compare, Proc SQL, Proc Report etc. and SAS/ODS facility

Statistical Graduate Consultant - Statistical Consulting Center

Jan 2007 – May 2007

Bowling Green State University

Bowling Green, Ohio

- Provided suggestion for data collection, constructed experimental designs, analyzed data using SAS, Minitab and S-Plus
- Developed and designed SAS Programs/Macros to access and analyze various data. SAS/SQL was used for pre-processing data, SQL queries, data analysis, generation reports and statistical analyses
- Implemented data management principles, such as joining data set, indexing, data aggregation, record selection, sub-setting, multiple records per case, creation and modification of views, accessing multiple databases.

Graduate Teaching Assistant - Dept of Mathematics & Statistics **August 2005 - Dec 2006**
Bowling Green State University Bowling Green, Ohio

- Instructed 2 sections of College Algebra II with 20-25 students per section per semester
- Created lesson plans, homework assignments, quizzes and held four office hours per week providing one-on-one instruction for students
- Graded weekly homework assignments, quizzes, midterm and final examinations

Executive Trainee - Market Intelligence & Commodity Research **Sep 2004 - May 2005**
National Collateral Management Services Ltd Mumbai, India

- Developed an Excel/VBA program to predict the representative price of various commodities for futures trading using Bootstrap and Adaptive Trimming Methods
- Selected locations for weather stations to optimize client needs
- Carried out quality control on weather data

TECHNICAL SKILLS

Operating System: UNIX, Windows 95/98/2000/XP, MS DOS

Statistical Packages: SAS 7.0/v8.2/v9.1.2 (BASE SAS, ODS, CONNECT, STAT, GRAPH, ACCESS & MACRO), S-Plus, SPSS, Minitab, Matlab, STATA, R

RDBMS: Oracle, MS SQL Server 2000/7.0, MS Access

Programming Languages: C, C++ (OOP), SQL, Visual Basic

Application Software: Microsoft SharePoint, Adobe Dreamweaver

Other Tools: MS Office (Access, Excel, PowerPoint, Outlook and Word)

Enterprise databases systems: SCT Banner, DARS, and Argos

HONORS

- Recipient of Graduate Assistantship, Bowling Green State University, 2005-2007
- Recipient of the First Prize at the National level for the XXII Conference of Indian Society for Probability and Statistics (ISPS), 2002

PROFESSIONAL ASSOCIATIONS

- AIR
- INAIR