

Nadir Hussain Ali Samnani

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OBJECTIVE

Wants to work with an organization where my learning grows and my knowledge through actuarial exams and experience can practically be implemented.

EDUCATION

Pursuing Actuarial exams from Society of Actuaries for the last 4 years

Actuarial Exams

Exam C, Exam MFE, Exam P, Exam FM

Pursuing to be **CERA** (Chartered Enterprise Risk analyst) and **FSA** from Society of Actuaries. For more info visit www.soa.org or www.ceranalyst.org

BS in Actuarial Science & Risk Mgmt. (Evening June 2004- May 2008)
University of Karachi, Pakistan

Courses: Probability, Financial Mathematics, Application & Uses of Statistical Software, Accounting, Economics, Financial Management, Advanced Portfolio Management, Actuarial Mathematics, Actuarial Modeling, Actuarial Demography, Survival Analysis, Insurance Mathematics, Life Insurance & Institutional Investments, Risk Theory, Time Series & Forecasting, Econometrics.

COMPUTER SKILLS

MS Office	MS Word, Excel, Power Point, Outlook
Programming Languages	C++
Database Management	SQL
Statistical Software	Minitab, SPSS, ITSM, Eviews

WORK EXPERIENCE

June 2008 - till Date
Risk Manager - Market Risk
SAMBA Bank Ltd. Pakistan

Job Descriptions

- Monitoring daily Treasury activities and guiding the business team to manage the positions

as per the risk policies.

- Prepare Minimum Capital Requirement 'MCR' report on BASEL I and BASEL II Format as required by the regulators (local & parent company).
- Monitor limit excesses on an ongoing basis to ensure corrective action is carried out.
- Independently monitor the business' compliance with the independent limit / trigger framework.
- Identify and specify all relevant market factors for each risk-taking unit.
- Recommend manual adjustments to statistically-derived historical volatility and correlation calculations, and review the estimated impact of the proposed adjustment across all businesses.
- Specify the data sources for market factors
- Construct and implement standard stress tests.
- Propose the parameters of the business stress tests; review them periodically; ensure that business stress tests are appropriately developed and that they are applied against any and all businesses where they are appropriate.
- Produce the Market Risk Reports, and ensure that any reasonableness, consistency and completeness issues are appropriately addressed.
- Establish the methodologies for calculating factor sensitivities.
- Ensure the production of factor sensitivity calculations across risk-taking units
- Basically works on Alchemy Risk Management, actuaries and analyst system and performs financial modeling to evaluate risk and validating the same.
- Collect and maintain the time series database of historical market risk factors used for calculating the volatility of, and correlation between, market factors.
- Specify the mathematical techniques and underlying assumptions on which the volatility and correlation calculations are based; construct, update and maintain the volatility and correlation calculations on an on-going basis; determine the frequency of updates to the data.
- Establish the statistical techniques and assumptions used for VAR calculations; define the parameters used in the statistical simulation of market risk measurements for internal risk monitoring purposes as well as for external, regulatory reporting purposes.
- Assist in the quality control process by reviewing liquidity risk reports for reasonableness, consistency and completeness.
- Help construct and maintain an independent liquidity risk-reporting framework called as MAR (Market Access requirement) and Stress Test Scenario.
- Ensure that reports are in compliance with statutory policies and procedures.
- Performing Stress testing focusing on "Simple sensitivity analysis" at different shock levels, submitting it to local regulator on half yearly basis.

Nov 2005 - July 2007 (Period: 2 yrs)

Risk Analyst

Alchemy Technologies

Job Descriptions

- Worked on Investment portfolio of one of the Pakistan's largest Life insurance company.
- Studied the Balance Sheets & Investment portfolios of different Banks, Insurance Companies & Financial Institutions.
- Follows up local regulator instructed guidelines & BASEL II Compliance for Banks for Reporting purposes.
- Collecting the data from client of the Balance Sheet, Investment Exposures and generating the risk numbers on daily basis.
- Validation of the reports generated by the Risk Management system.

- Derivative pricing & Modeling
- Risk Measures (Value at Risk) for stocks & derivatives like Options, Interest Rate Swaps etc.
- Exhaustive testing of the Risk Management system.
- Written Technical documents on procedures & reports prescribed by SBP (Local regulator) on Risk Management system.

Oct 2004 - March 2005

Receptionist
Aga Khan Health Services

Period: 6 mths

Jan 2004 - Sept 2004

Internship
EUCS (End User Computing Support) - IT Dept.
Aga Khan University Hospital

Period: 8 mths

TECHNICAL REPORT (UNIVERSITY PROJECT)

Capital Charge using Market Risk using Internal Models Approach
Pursuing

Description:

- Created returns profile
- Calculated Value at Risk (VaR) by Variance Covariance & Historical Simulation
- Back testing of the VaR model
- Calculation of Capital Charge

WORKSHOPS & SEMINARS

- **Value at Risk** conducted by Alchemy Technologies
- **Economic Capital & Limit Management** conducted by Alchemy Technologies

INTERESTS & ACTIVITIES

- Enjoy Sports like Table Tennis & Cricket in particulars
- Reading about finance
- Giving voluntary services in the community institution
- Scouting

LANGUAGES

- English & Urdu (Fluent).