

# Krunal Shah

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**OBJECTIVE:-** To work in a challenging environment that provides me ample opportunity for learning and growth in whatever i undertake. Looking for a position in a Clinical Research Organization or a Pharmaceutical Company as a Biostatistician.

**SUBJECT KNOWLEDGE:-** Completed the training of “Advance Post Graduate in Pharmaceutical Statistics” from PHARMA-STATS, a Corporate Training Center& Consultancy services for BA/BE Studies- on application of various statistical tests in clinical research; basic concepts of bioequivalence, Clinical Trials, DOE & SAS programming.

## **BIO-STATISTICAL SKILLS:-**

- Sample size calculation using SAS
- Randomization schedule using SAS programming
- Statistical Analysis Plan (SAP) for clinical trials
- Various parametric & non-parametric bio-statistical tests: t-test, ANOVA, ANCOVA, Chi-square, F-test, Sign test
- Conclusion & interpretation of statistical results
- Knowledge of various statistical methods useful in BE & Clinical trials
- Projects: 1) Calculation of Pharmacokinetic parameters & Bioequivalence analysis (2x2 crossover design) & 2) Phase-III clinical trial statistical analysis
- Basic knowledge of SOP & Guideline terminology
- Applications of Statistics in Designs of Experiments (DOE) according to ICH Q8 Guidelines.
- Insights of QbD aspects using Minitab Statistical Software.

## **Knowledge of basic SAS programming:**

- Data management: Concatenating, Merging, Handling missing values, Reading raw data files, creating data structures, Handling data and programming errors, Accessing data, Appending data and managing data.
- Expertise in SAS/BASE with basic knowledge of PROC SQL and MACRO.
- Import-Export data using various techniques like PROC IMPORT, PROC EXPORT, LIBNAME, INFILE, PROC PRINT statements.
- SAS/ODS process to create useful outputs in different formats.
- Statistical analysis: PROC GLM, PROC MIXED, PROC MEANS, PROC FREQ, PROC UNIVARIATE, PROC REG, PROC ttest, PROC npar1way for various Statistical analyses.
- Clinical trial Report: PROC REPORT, Tables, Listings and Figures (TLF).
- Basic Knowledge of CDISC Standard- SDTM & ADaM and Regulatory Requirements.

## **Other Software skills:-**

- SAS, SPSS, MINITAB, Microsoft office, SIMS, I-PACT.

## **EDUCATION:-**

QUALIFICATION	YEAR OF PASSING	PERCENTAGE (%)	UNIVERSITY
M.Sc. Bio-Statistics	2014	58.9%	THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
B.Sc. Statistics	2012	54%	THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

<b>CERTIFICATION:</b>			
<b>Course Name</b>	<b>Duration</b>	<b>Training Area</b>	<b>Institute</b>
Advance Post Graduate in Pharmaceutical Statistics	3-Months (Oct2017- Ongoing)	Biostatistics, Bioequivalence, Clinical Trials, MINITAB, SAS programming	PHARMA-STATS ( <a href="http://www.pharma-stats.in">www.pharma-stats.in</a> )

### **M.Sc. PROJECT WORK:-**

**Title:-** “Trends of Poisoning in Vadodara Region of Gujarat”

**Objective:-** To determine the most poisonous compound resulting in deaths in Vadodara Region.

**Statistical Tools Applied:** Survival Analysis- Kaplan Meier, Chi-square

**Software:** M.S Excel, Statistica, SAS 9.1 (Proc Life test)

### **OTHER ACTIVITIES:**

- Attended National Seminar on “Biostatistics and Data Analytics” held from 23<sup>rd</sup> December to 24th December, 2013 at Department of Statistics, Faculty of Science, The Maharaja Sayajirao University of Baroda , Vadodara, Gujarat.
- Attended Workshop of “Beginner’s level SPSS” held on 11<sup>th</sup> June 2017 by Statistics Alumini Association at Department of Statistics, Faculty of Science, The Maharaja Sayajirao University of Baroda , Vadodara, Gujarat.

### **WORK EXPERIENCE:-**

- **Deepak Foundation, Vadodara, INDIA**

**Designation:** MIS & Documentation Officer

**Project:** Comprehensive Emergency Obstetric Newborn Care Unit (CEmONC)

**Duration:** April 2017 to Oct 2017

**Roles and Responsibilities:**

Maintaining the Reports, Data monitoring and analysis, provide weekly & Monthly reports, Analysis on ANC PNC Gynec Pedia patients detail with various parameters and prepare report on weekly & monthly basis.

**Work Environment and Tools:**

- MS Office, HIMS.

- **State AIDS Control Society, Daman & Diu, INDIA**

**Designation:** Assistant Director (Monitoring & Evaluation)

**Duration:** March 2016 to December 2016

**Roles and Responsibilities:**

SIMS reporting, report collection, submission of report to NACO & SIMS. To send ICTC Training report monthly basis. Send details of patients receiving the result within 7 days on monthly basis to NACO. BTS monthly report, Quarterly report. To visit ICTC, STI Clinic & Blood Bank of Daman district on monthly basis to check reporting system and stock. Create data analysis report of NGO, ICTC, STI Clinic & Blood Bank on monthly basis.

**Work Environment and Tools:**

- MS Office, SIMS, PAL.

**Highlights:**

- Providing training on PAL to NGO, ICTC & STI Clinics.

- **TAM Media Research PVT, Vadodara. INDIA**

**Designation:** Content Analyst

**Duration:** April 2015 to March 2016

**Role:** Analyze the various data as per client requirement.

**Responsibilities:**

- Analysis of various types of data. Create report as per the client requirement. Providing exact information of particular variables to the clients. Create report on monthly basis.

**Work Environment and Tools:**

- I-Pact, MS Office.

**PERSONAL DETAILS:-**

Father's Name: Rajeshkumar B Shah

Address: 206, Sai Ganesh Complex, Near Zaver nagar Bus-Stop, Wagodia Road, Vadodara-390019,Gujarat

Languages Known: English, Hindi, Gujarati, Marwadi.

Hobbies: Sports(cricket-volleyball), Photography

*The details given above are corrected to best of my knowledge.*