

# Somesh Swami Hiremath



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## EDUCATION

### Bangalore University

Master of Science in Statistics (M.Sc.)

Bengaluru, KA

Dec 20- Dec 22

- Cumulative GPA: 7.08/10
- Relevant Coursework: Machine Learning and Data Mining, Statistics of Finance and Insurance, Regression Analysis, Time Series, Bayesian Inference, Nonparametric statistics, Stochastics Processes.

### Shivaji University, Vivekanand College

Bachelor of Science in Statistics (B.Sc.)

Kolhapur, MH

June 17- Aug 20

- Total Percentage: 77%
- Relevant Coursework: Distribution theory, Statistical Inference, Hypothesis Testing, Linear Algebra.

## PROFESSIONAL EXPERIENCE

### BEPEC Solutions.

Bengaluru, KA

*Data Science Intern*

Jan 23- April 23

- Collaborated with a team of data scientists and analysts to develop predictive models and data-driven solutions.
- Utilized popular libraries such as pandas, NumPy, and scikit-learn for data extraction, manipulation, analysis on 1GB of unstructured data, created Dashboards and resulting in reducing process time by 40%.
- Developed a predictive model using a Random Forest algorithm to forecast customer churn for business process, Created Dashboard of Churn Data resulting in a 20% decrease in customer attrition.

## SKILLS

**Programming Language & BI Tools:** Python, R, Tableau, Power BI, Alteryx, SQL, MS EXCEL, Macros, VBA development.

**Data Science:** Data Analytics, Data Visualization, Data Cleaning, data integration, transformation, Data Modelling.

**Machine Learning & Statistics:** Regression, Classification, Clustering, Ensemble Methods, Bayesian/Markov Networks, Analytics, Design of Experiments, Multivariate Analysis.

**Deep Learning:** Neural Networks, NLP.

## PROJECTS

### Credit Risk Analysis

March 23- May 23

- Enhance lending decisions to minimize financial risks by identifying loan applicants with payment difficulties.
- Analyzed consumer and loan attributes, preprocessed 92% of the data, creating data analysis pipeline to reduce 70 % preprocessing time for project management of Banking institute.
- Unearthed a group of 8% applicants displaying risky characteristics, uncovering the top 10 components contributing to 36% of potential risks in the loan approval process.

### Employee Efficiency Analysis

Aug 22- Oct 22

- Uncovering the hidden drivers behind declining employee performance and unlocking department-level insights to drive organizational success and process improvement.
- Analyzed extensive dataset using Python. Employed advanced techniques, trained SVM, RF, and ANN models with 94.28% accuracy. Streamlined data engineering, reducing processing time by 20%.
- Improved employee performance by 15%, resulting in enhanced client satisfaction (30% increase) and operational efficiency. Boosted employee morale, reducing turnover by 10%.

## ACKNOWLEDGEMENTS & CERTIFICATIONS

- Acknowledged in Publishing journal at International Journal of Yoga and Allied Sciences.
- Certification course in Full Stack Data Science Career Transition Program.