

# VIKAS SINGH

## Currently searching for a Position of Data Analyst(Intern)

I am passionate researcher with strong intuitive skills. Currently pursuing my MSc (Big Data and AI for Business) from Montpellier Business School. I am looking for the position of Data Analyst where I can analyze and visualize large data sets for delivering solution to the business problem with use of statistical and machine learning techniques using R, Python and STATA.



## EDUCATION

Jan,2023-  
Current

### Montpellier Business School

MSc in Big Data and Artificial Intelligence for Business

📍 Montpellier, France

Aug,2013-  
Feb,2019

### National Institute of Food Technology Entrepreneurship and Management

PhD Food Business Management

📍 Kundli, India

Thesis: Structure of Microfinance Institutions and their impact on the Performance of Self-Help Groups: An Empirical Study

May,2007-  
Jun,2009

### University School of Management, Kurukshetra University

MBA

📍 Kurukshetra, India

Project: Debt Refinancing Scheme of Power Finance Corporation, India

May,2003-  
Jun,2009

### University of Delhi

BSc

📍 New Delhi, India



## EXPERIENCE

Aug,2021-  
Dec,2022

### Consultant (Data Analyst cum Monitoring & Evaluation Officer)

Department of Food and Public Distribution System, Ministry of Consumer Affairs, GoI

📍 New Delhi, India

- Devise strategic monitoring and evaluation plans for all schemes Department of Food and Public Distribution (DoFPD).
- Performed various analysis including; Descriptive, Predictive, Causal, Inferential using R and Python for 12 schemes of the DoFPD.
- Developed a time series forecasting model using ARIMA and SARIMA to forecast procurement and distribution for DoFPD.
- Developed indicators based on Output Outcome Framework (OOF) for monitoring different schemes.
- Build Chatbot using Tensorflow and nltk package in Python.
- Produce maps showing the spatial distribution of ethanol production data using Python.
- Mentored and guide young professionals

## CONTACT INFO

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Montpellier, France, 34080

Montpellier

✉ [v.vikas@montpellier-bs.com](mailto:v.vikas@montpellier-bs.com)

🌐 [github.com/vikass14](https://github.com/vikass14)

📞 +33 075-413-2021

in ([https://www.linkedin.com/in/vikas\\_singh\\_8323455a/](https://www.linkedin.com/in/vikas_singh_8323455a/))

## SOFT SKILLS

Scientific Innovator Practical  
Organizational Conciliator

## RESEARCH SKILLS

### Qualitative Research Approach

Grounded Theory  
Phenomenological Research

### Qualitative Research Methods

Secondary Research  
Interview

### Quantitative Research Approach

Descriptive  
Causal  
Correlational research

Oct,2020-  
Dec,2016

### Health Data Analyst

All India Institute of Medical Sciences

📍 Rishikesh, India

- Extract 40,000 observation of national sample survey (NSS) 75th round data using STATA and R.
- Conduct survival analysis using R.
- Summarized , analyzed socio-economic data and performed logistics regression, t-test, Chi-square , cross-tabulation , ANOVA in R.

Oct,2019-  
Oct,2020

### Research Associate

National Institute of Food Technology Entrepreneurship and Management

📍 Kundli, India

- Design and developed survey tool for social entrepreneurship impact assessment in Rshiny.
- Identify KPIs using bibliometrics analysis in rstudio.
- Performed exploratory data analysis and write scientific research articles in journals

Sep,2017-  
May,2019

### Assistant Professor (Ad-Hoc)

Cluster Innovation Centre, University of Delhi

📍 New Delhi,India

- Taught 15+ undergraduate/graduate classes on financial management, macroeconomics,marketing and Use for R in finance.
- Provided mentorship and supervision to B.Tech. students.

May,2017-  
Jul,2019

### Research Associate

Indian Institute of Foreign Trade

📍 New Delhi,India

- Collect and analyzed data on international trade, economic, and other regional trends of textile sector.
- Write reports, policy updates, and issue briefs using quantitative analysis that explained data trends.

Aug,2016-  
Apr,2017

### Lecturer (Guest)

Cluster Innovation Centre, University of Delhi

📍 New Delhi,India

- Taught Efficient manufacturing process Production and Operations Management at B. Tech Level.

Feb,2013-  
Aug,2013

### English Language Facilitator

AAM Foundation

📍 New Delhi,India

- Enabled and encouraged students from underprivileged section of society to learn English.

July,2011-  
Jan,2012

### Accountant

Government Polytechnic

📍 Jhajjar,India

- Maintain all records like Vouchers, Receipts, Bills, and Payments.

Feb,2010-  
Nov,2010

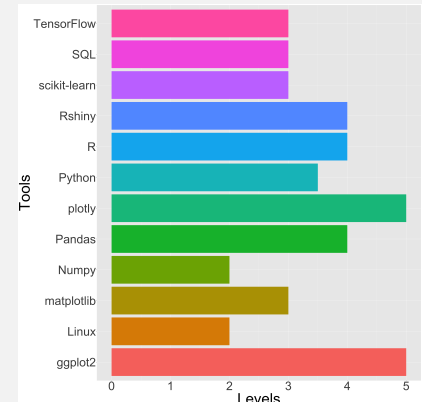
### Treasury Solution Analyst

Bank of America Continuum Solution India Limited

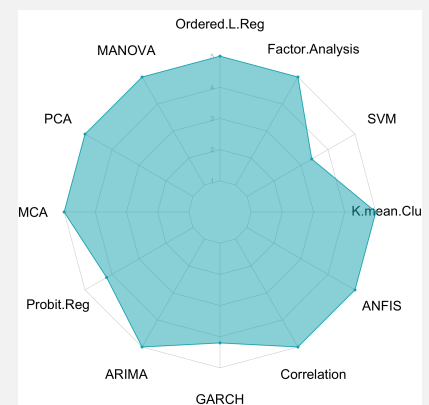
📍 Gurugram,India

- Investigate activities of institutions to enforce banking regulations and ensured the legality of transactions and operations or financial solvency.
- Reviewed balance sheets, operating income and expense accounts, and loan documentation to confirm institution assets and liabilities.
- Complete loan applications, including credit analyses and summaries of loan requests, and submitted to loan department for approval.

## PROGRAMMING SKILLS



## STATISTICAL SKILLS



## WORKSHOPS

- 22/11/2021-26/11/2021** • **Statistical Techniques for Data Analysis**  
Department of Physics, Dr. B.R. Ambedkar National Institute of Technology  
📍 Jalandhar, India
- 2/11/2020-6/11/2020** • **Block Chain**  
Indian Institute of Information Technology  
📍 Dharwad, India
- 23/11/2020-27/11/2020** • **Artificial Intelligence**  
Indian Institute of Information Technology and Management  
📍 Gwalior, India
- 24/08/2020-28/08/2020** • **Machine Learning in Real Time Applications**  
National Institute of Technology ,Warangal  
📍 Warangal, India
- 13/06/2020-24/06/2020** • **Advanced Optimization Techniques and hands-on with MATLAB/SCILAB(3 credit course)**  
Ministry of Electronics and Information Technology (MeitY), Government of India  
📍 New Delhi, India
- 20/01/2020-24/01/2020** • **Data Science**  
All India Council for Technical Education  
📍 New Delhi, India
- 17/09/2018-19/09/2018** • **Method, Techniques & Analysis of Qualitative Research**  
National Institute of Food Technology Entrepreneurship and Management  
📍 Kundli, India
- 18/06/2018-29/06/2018** • **TEQIP III Advances in Research Methods and Teaching Pedagogy**  
Delhi School of Management at Delhi Technological University  
📍 New Delhi, India
- 28/10/2017-29/10/2017** • **Statistical Data Analysis using SPSS**  
National Institute of Food Technology Entrepreneurship and Management  
📍 Kundli, India

## CERTIFICATES

- 2023** • **Linux Basics. SQL Computer Vision Natural Language Processing**  
CloudxLab.  
📍 New Delhi, India

## AWARDS

- Dec, 2015** • **National Eligibility Test**  
University Grant Commission  
📍 New Delhi, India
- Jun, 2018** • **Bharat Ratna Mother Teresa Gold Medal Award for Individual Contribution in Social Services**  
Global Economic Progress and Research Association 📍 Chennai, India

**ENGLISH LANGUAGE TEST**  
TOEFL 88/120

*This resume was made with the R package [pagedown](#). Last updated on 2023-01-26.*