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 analyzed and visualize large data sets for policy making 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, Infrential 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 (OOMF)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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 github.com/vikass14

📞 +33 075-413-2021

in("https://www.linkedin.com/in/vikas singh 8323455a/")

SOFT SKILLS

Scientific
Innovator
Practical
Organizational
Conciliator

RESEARCH SKILLS

Qualititative 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.
- Identfy 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.
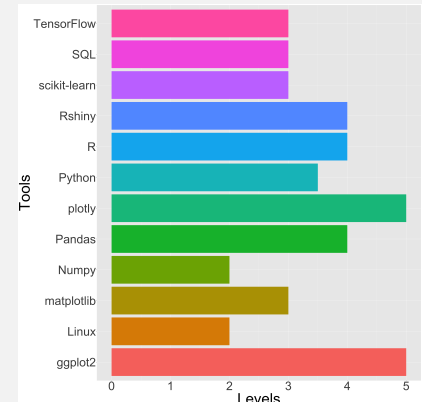
Feb,2010-
Nov,2010

Treasury Solution Analyst
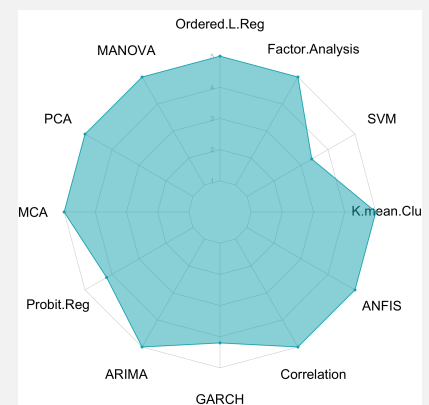Bank of America Continuum Solution India Limited   📍 Gurugram,India
- Investigate activities of institutions to enforce banking regulations and ensured the legality of transactions and operations or financial solvency.
- Reviewed balance sheets, operating income and expense accounts, and loan documentation 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

Statistical Techniques for Data Analysis
22/11/2021-26/11/2021
Department of Physics, Dr. B.R. Ambedkar National Institute of Technology
📍 Jalandhar,India

Block Chain
2/11/2020-6/11/2020
Indian Institute of Information Technology 📍 Dharwad,India

Artificial Intelligence
23/11/2020-27/11/2020
Indian Institute of Information Technology and Management
📍 Gwalior,India

Machine Learning in Real Time Applications
24/08/2020-28/08/2020
National Institute of Technology ,Warangal 📍 Warangal,India

Advanced Optimization Techniques and hands-on with MATLAB/SCILAB(3 credit course)
13/06/2020-24/06/2020
Ministry of Electronics and Information Technology (MeitY), Government of India
📍 New Delhi,India

Data Science
20/01/2020-24/01/2020
All India Council for Technical Education 📍 New Delhi,India

Method, Techniques & Analysis of Qualitative Research
17/09/2018-19/09/2018
National Institute of Food Technology Entrepreneurship and Management
📍 Kundli,India

TEQIP III Advances in Research Methods and Teaching Pedagogy
18/06/2018-29/06/2018
Delhi School of Management at Delhi Technological University
📍 New Delhi,India

Statistical Data Analysis using SPSS
28/10/2017-29/10/2017
National Institute of Food Technology Entrepreneurship and Management
📍 Kundli,India

✹ CERTIFICATES

Linux Basics. SQL Computer Vision Natural Languague Processing
2023
CloudxLab. 📍 New Delhi,India

🎖 AWARDS

National Eligibility Test
Dec,2015
University Grant Commission 📍 New Delhi,India

Bharat Ratna Mother Teresa Gold Medal Award for Individual Contribution in Social Services
Jun,2018
Global Economic Progress and Research Association 📍 Chhenai, India