SHREEOM TRIPATHI
Graduation in Electronics (E&TE) Engineering

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Projects   https://drive.google.com/open?id=1ZuASgvFJv-OR4VTOtOMX5FRJ1UrtZANJ

Data Analysis, Modeling, Visualization, Research and Monitoring – SAS, Python, SQL, Advanced Excel, MS-SQL, Postgresql, DBMS & MIS

Experience: 5 Years & 4 Months

(Ready to relocate PAN India)

ABOUT ME

Experienced professional with a demonstrated history of working in the research industry (IIT) and operation Industry. Skilled in **Statistical Data Analysis**, **graph-based data analysis**, **solution development**, and **data visualizations**, Management, **Decision Support**, **Project Plans, and Transportation modeling**. Strong business development professional with a Bachelor of Engineering - BE focused in Telecommunications (Electronics) Engineering from Sir M Visvesvaraya Institute of Technology, BANGALORE.

Strong knowledge of Data Analysis, **Business Analysis, Documentation and Preparation of Reports** with the help of languages like **Python, Google Spreadsheet & Excel**. Expert in **cleaning & investigating large amounts of numerical and textual data** sets using Excel and other analytical tools. Developed eco-friendly, cost effective - **MINLP mathematical mod**el for Indian food transportation and executed with the help of **SAS**. Expert at evaluating, establishing & maintaining **MIS reports and procedures**. Applies technical and advanced analytical expertise to explore and examine data from multiple disparate sources with the goal of discovering patterns and previously hidden insights, which in turn can provide a competitive advantage or address a pressing business problem.

QUALIFICATIONS

K EY S KILLS

Data Analysis & Interpretation

Business Intelligence

Data Visualization

Mathematical Modelling

Database Management (DBMS)

Machine Learning

MIS Reporting

Quantitative Analysis

Reports & Dashboard Development

Primary Data Research

Secondary Data Research

Operation Management

- B.E. in **Telecommunications (Electronics) Engineering** from Sir M Visvsvaraya Institute of Technology, Bangalore, India.

- Certified **Data Scientist** from DataCamp.

- **SQL, MYSQL & postgresql for Data Science**: A Data Science Course Certification in Python from DataCamp, 2019.

- **Project Management**: Certification from E-Learning College, 2018.

EXPERTISE (Analytical Tools & Others):

SQL, MySql & Postgresql
Python
Advance Excel (Vlookup, Conditional formatting, Pivot & all formulae)
Proficient with MS Word, Excel and PowerPoint
SAS
R
Google Spreadsheet
Research Report Writing
Critical Thinking
Team Work
Decision Support, Making and Analysis

O RGANIZATIONAL E XPERIENCE

Jul'19 – till date: CEG Test House & Research Centre Pvt. Ltd., Jaipur, Rajasthan, India
Executive – Business Analysis & Development, Reporting to CEO
Team Size: 8

Key Result Areas
- Analyzing pharma, food, surgical & geotechnical data and developing decision support system.
- Visualizing and analyzing unstructured data and convert it into a meaningful information.
- Preparing MIS reports of the IT technologies for parameter testings.
- Managing & Analyzing large set of Data in Excel (Vlookup & all formulae)
- Analyzing Human Resource Management Software (HRMS) data.

- Preparing KPI's for the teams.
- Preparing Laboratory Information Management of the products & parameters.
- Developing decision support system by transforming unstructured, unorganized data into information.

December 2018 to June 2019:   Department of Food & Civil Supplies, Secretariat Jaipur, Rajasthan, India
Consultant (YI), Reporting to Secretary (Sr. IAS Officer)
Team Size: 12

Key Result Areas
- Framework development of the food supply chain including logistics & transportation.
- Monitoring Grievance redressal portal (L4 – Smapark IT help desk) of entire Rajasthan state.
- E – Governing the Food Supply Chain Management – PDS online portal.
- Developing the Management Information System (MIS) of Food department of Rajasthan.
- Preparing detailed reports about the issues & drawbacks of food supply chain management and prepare decision support system to shootout the gaps.
- Working with National Informatics Center (NIC) teams in order to develop the website and maintain the database.
- Data Analyst, Interpretation & Research using Excel.
- To handle, manage, visualize and analyze food supply chain data using Excel and Python.
- Working with Secretary and statistical officials for interpreting data and compiling it in an organized manner.

July 2014 to September 2016:   Indian Institute of Technology (IIT), Kharagpur, W.B., India
Project Assistant: Research and Management, Reporting to Associate Professor & H.O.D.
Team Size: 25+

Key Result Areas
- Developed cost effective, environmental friendly Mixed-Integer Non Linear Programming (MINLP) mathematical model for Indian food transportation, solved & done sensitivity analysis using SAS - An Data Analytical Software.
- Data Analysis and Data Research using Excel & SAS.
- Developed Decision Support System in terms of Mathematical Modeling to achieve efficiency in Food Supply Chain including Logistics, Warehousing and Transportation.
- Developed optimization model and executed in software tools for forecasting the requirements.
- Development of the decision support model (DSM) for efficient distribution of foodgrains to multiple requirement points.
- Demonstrating software installment and applications to the industry participants at various workshops.
- Demonstrated application of Sigma XL (LAB) to participants at Bengal Chamber of Commerce & Industry (BCCI), Kolkata.
- Presented three research papers in international conferences.
- Monitoring and installing all required software's in an E- Business Lab.
- Interpreting data with various IT analytical tools for the purpose of sensitivity analysis.

April 2011 to September 2013:   Dwivedi Law Agency, Prayagraj
Junior manager (Operation)

Key Result Areas
- Preparing & monitoring human resource management system.
- Developing decision support system for increasing efficiency in operation.
- Preparing the Management Information System (MIS) of the order & sales record.
- Working in DBMS tool for planning, monitoring, storing & organizing data.
- Preparing milestones for achieving the targets.
- Monitoring, directing & controlling the work force.
- Delegate tasks effectively and analyze reports to improve efficiency and output.

CONFERENCES

1. An Optimization Model for Indian Food Transportation: Use of Chemical Reaction Optimization Algorithm, International Conference of Society of Operations Management (2015).
2. Interstate Indian food transportation: Mixed integer programming approach, EBSSC International conference (2016).
3. Sustainable Bi-objective Multi-level MINLP Model for Indian Food Transportation with Carbon Footprint Consideration, International Conference of Society of Operations Management (2017).

P E R S O N A L D E T A I L S

Languages Known: English and Hindi

Sector -8, Indira Nagar, Lucknow(Uttar Pradesh)