

Kshitij Mamgain

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SUMMARY

Data Scientist with more than 4+ years of experience in analytics and statistical modeling to solve complex business problems with strong knowledge of SQL and solid skills in [data munging & visualization](#), [machine learning and statistical](#) modules in Python and R.

SKILLS

Expert: Machine Learning, ETL, Data Analytics, Modular Coding, Testing

Technical: Python, SQL, R, Cloud Computing, Shell Scripting, Scikit Learn, Keras, Tensorflow

Business: Agile Project Management, Active learner, Interpersonal skills, Team-player

EXPERIENCE

Data Science Research Assistant, Lantern Institute, ON

2020 - Present

- Draft white paper to compare ML algorithms using Bayesian optimization for parameter tuning.
- Develop Python packages for preprocessing, feature engineering and prepare bash script to run on GCP.
- Manage the project as a scrum master in an agile environment as a Google Cloud project.

XGBoost, Catboost, Statistical Analysis, Hyperopt, Shell Scripting ([link](#))

Data Science Fellow, Lantern Institute, ON

2019 - 2020

[Samsung Health Data Analysis](#)

- Designed dashboard to analyse behavior pattern on real world data and deployed as a web app
- Performed data cleaning, transformation to extract user information using sqlite and pandas

Plotly, Dash, SQL, Heroku, Time Series Analysis

[Credit Card Fraud](#)

- Designed a unique framework using boosted trees algorithm to get state of art performance results.

Auto Encoder, XGBoost, Catboost, Keras, Sklearn, Modeling

Program Data Analyst , Tata Trusts, Delhi, India

2017 - 2019

- Presented analysis and resulting recommendations dashboards in Tableau for effective communication.
- Automated dashboards on social impacts through data processing from multiple sources using SQL.
- Utilized analytical and statistical rigor to drive business decisions on program outreach and impact.

Tableau, Data Analytics, Statistical Modeling, ETL Processes

Program Associate , Tata Trusts, India

2014 - 2016

- Analyzed program related data on Management Information System and budget by running queries.

Agile Business Development , Data Collection and Modeling, Time Management

Solution Engineer, Nokia Solutions Network, India

2010 - 2012

- Provided technical solutions to the global customer teams on packet networks and data networking.

Technical Solutions, Stakeholder Collaboration, Communication

EDUCATION

- Advanced Diploma in Data Science and Application, Metro College, Toronto 2019 - 2020
- MPhil in Development Studies, Ambedkar University Delhi, India 2012 - 2014
- BEng in Electronics and Communication, Maharshi Dayanand Univ., India 2006 - 2010