

Ishan Neema

(240) 579-8681 • ishan.neema21@gmail.com • [linkedin.com/in/ishan-neema](https://www.linkedin.com/in/ishan-neema) • Germantown, MD

SUMMARY

A solution-driven data analyst with experience in working with cross-functional teams in the development settings. Graduated with a master's degree in Management Information Systems from University of Houston-Clear Lake. Interested in applying predictive models and data science skills to build scalable solutions.

EDUCATION

University of Houston-Clear Lake, Houston, TX Dec 2020
Degree: Master of Science in Management Information Systems

Rajiv Gandhi Proudyogiki Vishwavidyalaya, India May 2017
Degree: Bachelor of Engineering in Information Technology

WORK EXPERIENCE

Intuit Infotech Private Ltd, India Jun 2017 – Jul 2018
Data Analyst

- Enhanced business processes and workflow efficiencies by 25% using automated data ingest, gathering and extraction processes across diverse systems.
- Designed 20+ insightful reports and dashboards using Tableau providing visibility to senior management in strategic decision making in 5 functional areas across Engineering, Product, Marketing, Sales and Operations.
- Improved ETL data accuracy by 30% using data quality improvement techniques such as anomaly detection, data schema monitoring and ad-hoc analysis with ETL Informatica tool.
- Leveraged ETL tools (SSIS) and Python Pandas to pre-process raw data by employing 4 data cleansing approaches: redundant values validation, missing data treatment, inconsistent information assessment and outliers pre-removal.
- Developed workflows to extract, manipulate, and ingest a wide variety of data feeds using SQL.

Wide Vision Technologies Ltd, India Jul 2016 – Dec 2016
Data Analyst

- Impacted annual revenue growth by 9% developing recommendations and using data wrangling, queries, validations, and ad-hoc analysis that aided broader enterprise-wide strategic decision-making processes.
- Created 30+ Tableau reports to outline market conditions, trends patterns and long-term predictions.

ACADEMIC PROJECTS

Cyber Security - Threat and Malware Detection (Python, NumPy, pandas, SQL) Jan 2020 – May 2020

- Classified malware using NumPy/pandas libraries in a complex dataset having 120K+ features and 10K+ data samples
- Developed techniques to correctly identify varying cyber-attacks and threats by analyzing Windows API calls data.
- Accelerated analysis on multi-dimensional data through standardization, resampling and sparse matrix methods.
- Diversified Machine Learning Models to perform multi-class classification of malwares achieving a Recall score of 92%

Data Visualization Project (Tableau) Aug 2020 – Dec 2020

- Built 5 interactive dashboards in Tableau investigating Online Learning trends
- Implemented data quality checks, cross data joins, action filters and Level of Detail expressions to improve UI/UX of interactive dashboards by 20%
- Investigated the dependence of mobile phone usage and spend increase on education. Found the correlation of 0.65%.

TECH SKILLS

Programming:	Python, R, Java, HTML5, CSS3, Oracle, Linux
Data Science:	NumPy & SciPy, Pandas, Matplotlib, Scikit-learn, Seaborn.
Statistical Inference:	A/B Testing, Hypothesis testing, Probability, Confidence intervals, Correlation, Regression
Data Engineering:	ETL, Data Extraction, Manipulation, Database management, MySQL, SQL, PLSQL, MongoDB
Machine Learning:	Supervised (classification, regression), Unsupervised (clustering, dimensionality reduction etc.)
Other Tools:	JIRA, Microsoft Suites, Spark, Tableau, Power BI, Anaconda, Jupyter Notebook, Docker, Google Analytic, GIT, Eclipse, Visual Studio

ADDITIONAL INFORMATION

Certifications: Machine Learning with Big Data; Oracle PL/SQL 1Z0-144; Microsoft Querying Data with Transact SQL 70-761