Shahbakht Hamdani

Data Scientist

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LinkedIn Profile

Summary

Data Scientist with two years of experience, working across a variety of geographies and industries, building data driven solutions to translate business and functional requirements into quantifiable deliverables. Proficient in coding languages Python, R and SQL, and solutions such as predictive modeling, set-point optimization, customer segmentation, at-scale machine learning systems deployment, cloud computing and bespoke dashboard visualizations using Tableau and PowerBI. Six years of non-data science experience with a multinational oil and gas company.

Experience

Data Scientist
McKinsey & Company, Pakistan
September 2019 – Present

- Deployed predictive model at a regional industry leader in alumina for early detection of low-quality product and built PowerBI dashboards to bring transparency to the root causes.
- Worked on a proof-of-concept set-point optimization model for a regional market leader's oil refinery cracking unit by building regression models for each of the different products, and combining it with pricing data to optimize profit, with expected annual revenue uplift of 1-3 million USD.
- Built a lead generation predictive classification model, with a recall rate of 85%, for a large-scale automobile dealership holding company and identified lead conversion prioritization opportunities.
- Developed Tableau dashboards for a government-led public sector social welfare program, which was utilized at the Prime Ministerial level.
- Developed PowerBI dashboards for a government owned financial institute, which were utilized by the C-suite, including CFO.

QA/QC Service Delivery Coordinator, Liner Hanger, Well Construction Products
Weatherford International, Saudi Arabia & Pakistan
December 2013 - March 2019

Skills

- **Coding Languages:** Python, R, SQL.
- **Tools & Technologies:** Microsoft Azure, Amazon Web Services (AWS) EC2, Google Cloud (GCP), GitHub, PowerBI, Tableau, Hadoop, PySpark, Tensorflow, Keras, Databricks, BigQuery, Kedro.
- **Coursework:** Machine Learning, Deep Learning and Neural Nets, NLP (Natural Language Processing), Statistics (Experimental Design & Inference), Big Data Analytics, Artificial Intelligence (AI), Data Engineering.

Education

University of California, Berkeley, CA, United States
Master of Information and Data Science (MIDS), *August 2017 - August 2019*
CGPA: 3.888/4.0

Ghulam Ishaq Khan Institute (GIKI) of Engineering Sciences and Technology, Pakistan
Bachelor of Science in Mechanical Engineering, *August 2009 - June 2013*
CGPA: 3.50/4.00