

Rishi GOUTAM

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SUMMARY: Data scientist with seven years prior experience in tech strategy consulting and software engineering. Passionate about data engineering, analysis, and visualization. Excellent presentation and communication skills. Interested in opportunities to turn data into actionable insights.

SKILLS

Data Visualization Machine Learning Regression Classification Dashboards
Business Case Development Market Research Client Management Process Mapping Detail-Oriented

languages	python			R		TypeScript	Java
libraries	pandas NumPy scikit-learn			tidyverse Leaflet		React	Android
	Seaborn	Plotly	deck.gl	Shiny		Node.JS	
tools	git	SQL	Unix	Excel	Visio	LaTeX	

EDUCATION

SEP 2016	Master of Business Administration - Finance, Strategy	GMAT 760 (P _{99%})
APR 2018	University of Michigan, Ann Arbor MI	
AUG 2009	Bachelor of Science - Computer Science, Economics	UW Honors Program
SEP 2013	University of Washington, Seattle WA	

PROFESSIONAL EXPERIENCE

JAN 2022	Data Science Fellow - NYC Data Science Academy	New York, NY
APR 2022	Citi Bike Operations Analysis <ul style="list-style-type: none">Analyzed and forecasted demand for bikes based on seasonality and weatherEvaluated need for bike rebalancing across dock stations, historical trends, and created map-based visualization to support analysis. Identified top 100 stations by number of bike rebalancesAs data engineer, acquired, cleaned, and reduced size of data across multitude of sources using Dask and Parquet, enabling team to work on large datasets in memory Predicting house prices in Ames, IA <ul style="list-style-type: none">Conducted cleaning, feature engineering and selection on Ames housing dataset to predict house sale prices. Used linear regression and random forest models to achieve 91% prediction accuracy COVID-19 Vaccination Provider Availability Analysis <ul style="list-style-type: none">Built shiny dashboard to visualize vaccine provider locations. Analyzed links between vaccine availabilities, vaccination rates, and demographics to COVID-19 death rates Sustaining Sales in Online Real-Time Strategy Video Games <ul style="list-style-type: none">Analyzed impact of content and balance updates on game popularity and longevity in online gamesIdentified best civilizations in Age of Empires II by analyzing win rates from dataset of 3M+ online matches	
AUG 2019	Strategic Business Manager - Tata Consultancy Services	New York, NY
JAN 2022	TCS Accelerated Leadership Program <ul style="list-style-type: none">Created four-year tech modernization roadmap for DTCC Clearing, Settlement, and Corporate Actions IT organizationsInterviewed SMEs to gather 40+ data points per application for 70 apps. Modeled each app's risk-of-migration using pandas and created graph to visualize app interconnectivityCreated dashboard for AAA insurance to show weekly improvement in service management capabilities. Used Visio to document existing and future-state processes	
JUN 2015	Software Engineer - Microsoft - Azure	Redmond, WA
JUL 2017	<ul style="list-style-type: none">Developed single-page application in Typescript for Azure Data Factory to ingest, process, and transform data as front-end engineer. Added code-free interface to configure ETL pipelines, integrated multiple data connector sources, and streamlined user flowsImproved software security and accessibility on Azure Data Catalog service to make enterprise data asset discovery faster and more secure	
SEP 2013	Software Engineer - Amazon - Kindle	Seattle, WA
APR 2015	<ul style="list-style-type: none">Developed features for the Kindle Android app, including annotations, accessibility, and UX redesignsShortened release cycle from quarterly to monthly by adopting git, agile, and CI/CD. Automated i18n process, reducing translation integration time from days to minutes	