

Parth Ghosh

San Francisco, CA | (408) 598-5916 | parthghosh97@gmail.com | LinkedIn: linkedin.com/in/parth-ghosh-736669226

Education

Hult International Business School - San Francisco, CA

Master of Science in Business Analytics, August 2025

Relevant Courses: Business Statistics, Data Extraction and Visualization, Data Management, Python for Data Analysts, Machine Learning, Predictive Modeling, Time Series Forecasting, Business Intelligence, Data Warehousing, Marketing Analytics, Operations Analytics, Optimization and Simulation, Natural Language Processing, Data Ethics and Governance, Cloud Computing, Big Data Analytics, Project Management

Savitribai Phule Pune University - Pune, Maharashtra, India

Bachelor of Engineering in Electronics & Telecommunication, May 2021

Technical Skills

Analytics & Visualization: Tableau, Power BI, Excel (VLOOKUP), Google Data Studio, SPSS

Programming: Python, R, SQL, JavaScript (basic), HTML/CSS (basic)

Libraries & Tools: NumPy, pandas, seaborn, matplotlib, scikit-learn, Plotly

Database Systems: MySQL, MongoDB, PostgreSQL

Cloud Platforms: Google BigQuery, AWS (basic)

Project & Version Control: JIRA, Trello, Notion, Git, GitHub

Other Tools: Dataiku, RapidMiner, Excel Solver

Relevant Experience

Siemens India Ltd - Nashik, India

Testing Engineer (Test Setup Design), Dec 2021 - Jan 2023

- * Designed and implemented test setups for electrical components, improving quality control and operational efficiency.
- * Analyzed testing data to enhance product reliability and reduce failure rates.
- * Collaborated with engineering teams on cost-effective component testing and design enhancements.

Ultimate Power Tech - Nashik, India

Trainee Engineer, Sep 2021 - Dec 2021

- * Analyzed power electronics systems and contributed to the design of EV charger components.
- * Applied analytics to improve design efficiency and system reliability.
- * Identified bottlenecks in the development process, accelerating testing and deployment timelines.

EPCOS India Pvt. Ltd - Nashik, India

Engineering Intern, Jun 2020 - Aug 2020

- * Supported development and testing of electrical components and systems.
- * Performed data analysis to streamline testing procedures and improve system performance.

Poorva Marketing - Navi Mumbai, India

Marketing and Business Operations Associate, Jun 2018 - Jun 2020

- * Conducted market research and expanded distribution across canteens, campuses, and wholesale clients.

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- * Managed procurement and logistics, including sourcing from major brands like Zydus Wellness.
- * Led delivery planning and cost-control strategies during disruptions like COVID-19.

Projects

Expedia Global Expansion Strategy - Hult International Business School, Jan 2024 - May 2024

- * Conducted market and competitive analysis to propose Expedia's Iceland market entry via a Stopover Program.
- * Forecasted \$381.6M revenue growth by 2030 using data-driven strategic planning and customer insights.

Kaggle Ames Housing Price Prediction - Business Challenge II

- * Developed predictive models using Python and scikit-learn to estimate housing prices on Kaggle.
- * Applied feature engineering and regression models to improve leaderboard performance.
- * Collaborated in a team setting to iteratively test, refine, and defend model accuracy.

Urban Heat Island Data Challenge (EY IC25) - Hult Business Challenge

- * Built a machine learning model to predict UHI hotspots using Sentinel-2 satellite and ground temperature data.
- * Created a business plan demonstrating how city planners can use the tool for sustainable urban design.
- * Addressed socioeconomic impact and proposed extensions for broader city-level policy use.

Publications

- * IoT-Based Battery Management System for Electric Vehicle; IJSREM 2021 (5) (6), 2582-3930.

Core Competencies

- * Business Intelligence & Reporting
- * Predictive Analytics & Machine Learning
- * Data Cleaning & Wrangling
- * Data Visualization & Dashboarding
- * Market Research & Strategy
- * A/B Testing & Experiment Design
- * KPI Development & Tracking
- * SQL Query Development
- * Agile & Cross-functional Collaboration
- * Storytelling with Data
- * ETL & Pipeline Understanding

Key Strengths

- * Strong analytical and problem-solving skills
- * Experience in process optimization and system design analysis
- * Proficient in data-driven decision-making
- * Effective communicator in cross-functional teams
- * Skilled in business strategy development and market analysis