

SUPRITA DESWAL

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

Master of Science in Business Analytics (MSBA)

Expected December 2023

- Statistical Foundations, Business Fundamentals, Data Management, Optimization, Machine Learning for Decision Making, Operations Analytics, Customer Analytics, Competitive Analytics

DELHI TECHNOLOGICAL UNIVERSITY

New Delhi

Bachelors of Technology in Electrical Engineering (GPA 8.84/10 with Distinction)

July 2020

- Big Data Analytics, Database Management System, Python Data Structures, Machine Learning Foundation, Numerical and Engineering Optimization Methods, Programming Fundamentals
- Placement Coordinator: Organized workshops with companies such as ZS, UHG and assisted 3000+ students secure internship and placement opportunities
- Team Coordinator and Actor: Organized National Level Street Theatre Competitions, with a footfall of 1200+ students and led the team in 150+ performances spread over 2 years including at National School of Drama

TECHNICAL SKILLS

Languages: SQL, Python (Numpy, Pandas, Matplotlib, Scikit-learn, Keras), R, C++, PQL

Software: Excel, PowerBI, Tableau, SSMS, Celonis, Signavio, PAFNow, Jupyter, Sypder

Analytics: Machine Learning, Time Series Analysis, Data Visualization, Natural Language Processing, Optimization

PROFESSIONAL EXPERIENCE

PRICEWATERHOUSECOOPERS (PwC)

Gurugram, India

Technology Consultant

September 2020 – August 2022

- Implemented end-to-end process mining from data extraction to reporting across various business processes for 10+ clients and presented improvement opportunities worth \$25M
- Developed standardized transformation scripts from 50+ tables stored in ERPs such as SAP, ORACLE etc. using SQL and Python to generate event logs reducing manual effort by 50%
- Built monthly customer payment prediction model for client in steel manufacturing and identified high probability account receivables improving cash flow and increasing savings by \$10M annually
- Collaborated with team members to perform segmentation on 3000 customers and predict their lifetime value using statistical models for marketing resource allocation, increasing sales by \$7M YoY
- Trained and mentored three associates to apply problem-solving frameworks and leverage analytical tools to implement data analytics projects and drive business solutions

BHARTI AIRTEL (India's Largest Telecom Service Provider)

Gurugram, India

Business Analytics Intern

June 2019 – July 2019

- Assisted in migration and analysis of five data sources of telecom, including 135 billion call detail records
- Reduced query time for analyses by 60% by providing solutions such as bloom filter and indexing using database and programming languages- NoSQL, Scala on platforms Zeppelin, Hive

CASHFLO (Financial Solution Start-up)

Mumbai, India

Summer Associate

June 2018 – July 2018

- Benchmarked company's solutions with 13 competitors to devise marketing strategies, increasing sales by 5%
- Devised recruitment plan of VP-Sales, CRO and Sales Executive using professional network sites to hire five senior executives

DATA ANALYTICS PROJECTS

- Damping Percentage Detection Using Machine Learning:** Developed program to detect damping percentage in the electric signals using ML algorithms such as SVM, Random Forest and XGBoost; presented research paper in International Conference and also published in Springer - Advances in Intelligent Systems and Computing Series ([click here to view publication](#))
- Statistical Analysis on Factors Influencing Life Expectancy:** Researched data of 194 countries provided by WHO using Polynomial Regression, discovering high correlation between life expectancy and factors such as mortality rates of infants, alcohol consumption and predicting life expectancy with 95% accuracy

ADDITIONAL

- Awarded Above & Beyond Award at PwC for delivering quality engagement beyond client's expectation
- Awarded Dazzling Debut Award at PwC within three months of joining for developing analysis which stakeholders appreciated
- Mentored 50+ underprivileged youth to prepare them for professional set-up and taught multiple sessions on effective communication, vocabulary enhancement, and resume building