

Pratik Khandelwal

Santa Clara, CA

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EDUCATION

Santa Clara University

Master of Science in Business Analytics

Santa Clara, CA

December 2019

- Relevant Coursework: Business Intelligence and Data Warehousing, Marketing Analytics, DBMS, Data Visualization, Machine Learning, Supply Chain Analytics and Python.

Goa Institute of Management

Master of Business Administration (Marketing)

Goa, India

March 2013

Nagpur University

Bachelor of Engineering (Electronics and Telecommunication)

Nagpur, India

May 2007

TECHNICAL SKILLS

Programming Languages	Python (Numpy, Pandas, Seaborn, Scikit-learn), PySpark, R, Java & C.
Data Handling	Data wrangling, Data cleaning, Data mining, Data visualization, Data governance, Master data management, Model building, Big data, Database management systems, BI and Data Warehousing.
Big Data & Databases	SQL, MySQL, PostgreSQL, Pentaho, Apache Spark, MapReduce Framework and Google Cloud BigQuery.
Visualization tools	Tableau, R-Shiny, Python-Matplotlib and Seaborn libraries.
Machine Learning	Regression, Clustering, Classification and Regression Trees, A/B Testing, Natural Language Processing.
Others	Salesforce, Google Cloud Platform, GitHub, Eclipse, SAP MDM/MDG, Agile Framework, SDLC, ITIL V4.

EXPERIENCE

Research Assistant, Santa Clara University

September 2019 – Present

- Re-engineered data pipeline to prepare, anonymize and clean 256 GB of criminal justice data, resulting in 78% reduction in data preparation time. Migrated anonymized data to Google Cloud Platform for further research.

Senior Consultant, Capgemini Technology Services India Limited

2016-2018

- Liaised between business users and technical teams, analyzed customer's requirements and drove the team through different opportunity stages (sales cycle), resulted in improvement of win-rate by 19.8%.
- Responsible for proposal writing and building technical solutions as per the customer requirements. Developed POC's, case studies and marketing collaterals to ultimately present to customers and Capgemini's senior management team
- Led team of three to implement knowledge management repositories to reduce response turnaround time by 32%.

Assistant Manager, HCL Technology Services Limited

2013-2016

- Deployed Salesforce (Sales Cloud) platform and migrated data from legacy applications, with performance impact of less than 1%.
- Maintained data quality, created test cases, business requirement and functional requirement documents, conducted user acceptance testing (UAT) and user trainings to reduce post deployment issues.
- Defined and analyzed key performance metrics as well as developed relevant dashboards for tracking & improvement of sales and presales activities. Enabled real time reporting using Salesforce reports.

Software Engineer, Patni Computer Systems Limited

2007-2010

- Conducted extensive requirements elicitation and analysis, using stakeholder interviews, questionnaire, and rapid prototyping.
- Maintained customer and vendor's data in SAP Master Data Management (MDM). Conducted data cleaning, enrichment, consolidation and migration activities to maintain data quality in system.

ACADEMIC PROJECTS

- Movie Booking Aggregator System** (Dimensional Data Modeling, ETL, Pentaho): Designed and implemented centralized data warehouse for movie booking aggregator. Performed ETL transformations to load data from multiple sources. Identified key leading and lagging measures (performance metrics) and constructed complex SQL queries to retrieve desired information.
- Crime Data Visualization** (Python, Tableau): Analyzed criminal incidents across 10 police districts of San Francisco. Build key metrics, dashboards and present insights & recommendations to reduce top 5 criminal incidents.
- Channel Strategy Analytics** (R, Linear Regression): Quantified an impact of Buy Online Pickup in Store (BOPS) strategy on sales and customer return behavior by building ML models, to generate significant managerial insights and recommendations to increase sales and reduce returns.

ADDITIONAL INFORMATION

Certification: Certified Salesforce Administrator (ADM 201)

Interests: Travel, Run, Cook and Stock Market.