Anjali Tiwari

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Professional Profile

Process oriented data analyst with more than 3 years of experience in quantitative analysis, research practices and business applications development. Highly skilled in data analysis, data munging and Machine learning algorithms. Worked on unstructured data using Natural language processing. Hands-on experience with Graph database and Business Intelligence tools.

Possess a **MSc. in Social Data Analytics** from University College Dublin.

Admirable communication and people skills with the willingness to learn and inspire others to grow.

Competencies

Technical Skills

• PostgreSQL	• MySQL	• Neo4j
• Python | R | Stata | Cypher	• Shell Scripting	• Git | Docker | Jira
• Machine Learning	• NLP	• Statistical Analysis
• Scikit-Learn | NumPy | Matplotlib | py2neo	• A/B testing | Google Analytics	• Java (basic)
• Hadoop | HBase | MapReduce (In progress)	• Oracle Fusion Middleware | Dell Boomi	

Soft Skills

• Determined	• Problem Solving	•Team player
• Organized	• Independent	• Initiative taker

Career Summary

💼 Application Development Analyst, Accenture
Bangalore, India | 02/2016 – 08/2018

- Scraped data and interpreted it to draw recommendations for customers using machine learning models.
- Performed Statistical analysis on datasets using Python, SQL and R.
- Designed ETL flows to extract customer data from CRM application and stored in MySQL database.
- Managed to present the data to clients in impactful dashboards for better business.
- Successfully suggested metrics and conversion funnels for web analytics.
- Performed Hypothesis testing, A/B testing to increase customer experience, conversion rates and retentions.
- Improved and automated the existing applications using Python.
- Deployed already existing applications in Dockers.

💼 Associate Software Engineer, Accenture
Bangalore, India | 01/2015 – 02/2016

- Performed administrator activities like server maintenance on daily basis.
- Managed database tables, procedures and indexes using MSSQL.
- Created/modified webservices as per arising needs of the client to ensure content delivery.
- Worked on Schema, XSL and WSDL creation for different web services.
- Trained in Oracle Fusion Middleware.

KEY ACHIEVEMENTS

- Extracted, interpreted and analysed data to understand customer behaviour and presented insights which further increased the sales by 10%.
- Expertise in data cleansing especially in handling of numerical and categorical variables.
- Worked single-handed and supported in troubleshooting for an interface which supported promotions data.
- Provided knowledge transfer and documentation of the system redesign.

Projects

- **Yelp dataset**: Predicted <u>Sentiments of users based on reviews</u> and built a <u>Recommendation system</u> using topic modelling and integrated and visualized it in Neo4j database.
- <u>Twitter Dataset:</u> Determined the Influential users for a viral troll using <u>Graph theory</u> and <u>Social Network Analysis</u> | Python and Neo4j
- <u>House Price Prediction Dataset:</u> Using Machine learning algorithms predicted the price of houses in Belfast.

Education

Dublin, Ireland | 2018– 2019

🏛 **Master's in Social Data Analytics, University College Dublin; GPA: 2.1**

Main Modules: R, Python, STATA, Statistics, Quantitative Data Analytics and Applications, Data Science with python, Social simulation.
- Worked on start to end Data Science projects which included scraping data, data munging, analysis and the visualization of insights.
- Performed Statistical analysis and built reports using R and STATA
- Performed Machine learning algorithms and NLP on datasets.
- Worked on the Agent based models using Net Logo to depict the behaviour of agents.

Ghaziabad, India | 2010– 2014

🏛 **Bachelor of Technology in Computer Science and Engineering, Uttar Pradesh Technical University**
- Final Year Project – Image Processing System using MATLAB.

Certifications

- A Certified **Neo4j** Professional for Graph Database | Neo4j Administration (Online)
- Big Data Hadoop – The Complete Course by Udemy
- Integration Developer 1 – Boomi Certification by Dell
- Oracle SOA 11g Certification

Awards and Interests

• Junior Diploma in Classical Vocals	• Self-taught keyboard player	• Ran for Social causes
• Technical Blogger @ Medium	• Helping people on Quora	• Mediocre Book reader
• Runner and a keen traveller	• Volunteered @ blood donation camps	