ANANT JAIN

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EDUCATION

Cleveland State University **August 2022 - May 2024**

Master's in Information Systems (STEM), GPA: 3.72/4.00

Coursework: Data Visualization, Business Analytics, Enterprise Database, System Thinking & Modeling, Cloud Computing with Azure

Acropolis Institute of Technology and Research **August 2017 - June 2021**

Bachelor's in Computer Science

Coursework: Software Development, Information Systems, Database Structures, Advanced Database Management System

SKILLS & PROFICIENCIES

- **Analytics & Visualization Tools:** Tableau, Power BI, Looker, Alteryx, Excel (Advanced Analytics), Python (pandas, Matplotlib, Seaborn)
- **Programming Language:** SQL, R, Python (NLP, Data cleaning, API integration, ETL workflows), Excel Macros, SPSS
- **Exploratory Data Analysis:** Feature Engineering, Statistical Analysis, Data Cleaning, Correlation Analysis
- **Database Management System:** Microsoft SQL Server, MySQL, PostgreSQL, MongoDB, SSIS, Talend
- **Tools:** Jira, Rally, MS Project, Visio, SharePoint
- **Cloud & Automation**: Azure Blob Storage, AWS Lambda, AWS Lambda, Excel Macros, Data Pipelines

PROFESSIONAL EXPERIENCE

Data Analyst | DreamWorks Softwares, (Remote) **May 2023 – March 2024**

- Automated ETL workflows with Alteryx, cutting data prep time by 40% and integrating seamlessly with Tableau
- Built Alteryx workflows with NLP (NLTK, Word2Vec) for patent categorization, boosting processing speed by 35% for 50,000+ records
- Transitioned key data workflows from Alteryx to Excel, enabling long-term scalability while maintaining data accuracy and reporting standards
- Conducted EDA on revenue data using Python and Excel, uncovering trends to inform strategic decisions
- Created interactive Tableau dashboards, improving reporting efficiency and enhancing insights for business stakeholders

Business Intelligence Analyst | Tata Consultancy Services Ltd, Mumbai, IN **May 2021 – August 2022**

- Automated ETL pipelines using Alteryx and SSIS, reducing reporting time by 30% and improving data accuracy
- Built and managed 10+ interactive dashboards in Tableau, integrating SQL and enhancing data visualization for stakeholders
- Optimized SQL queries and leveraged Apache Spark for large-scale data processing, improving speed by 25%
- Defined business requirements and delivered 5+ scalable solutions using Alteryx, Tableau, and Python for cross-functional teams
- Migrated workflows to Alteryx and enhanced data storage processes with PostgreSQL, ensuring seamless scalability and reliability

Business Analytics Intern | MomsKart, Indore, IN **April 2020 – May 2021**

- Conducted A/B testing on marketing campaigns using Python, boosting click-through rates by 22%
- Automated data cleaning workflows in Python and SQL, reducing manual preparation time by 30%
- Managed and optimized a 100,000+ record database with PostgreSQL, improving query performance by 30%
- Built a Lambda function to identify and terminate unused resources, cutting operational costs
- Designed actionable data visualizations in Tableau, providing insights to improve marketing strategies

ACADEMIC PROJECTS

Bike Superstore Data Analytics| SQL, Tableau, Python, GitHub **September 2024**

- Utilized SQL to clean and integrate sales data by removing duplicates, imputing missing values, and standardizing product categories, enabling accurate analysis of sales trends and customer behavior
- Designed interactive Tableau dashboards to highlight KPIs such as revenue by region, product performance, and seasonal sales patterns; published on GitHub to provide stakeholders with actionable insights for optimizing inventory and marketing strategies

Rollercoaster Data Analysis | Python, Pandas, Seaborn, Tableau **June 2024**

- Conducted an exploratory data analysis (EDA) on a dataset of 1,087 rollercoasters, cleaning and transforming raw data using Python and Pandas to address duplicates, missing values, and inconsistent formats
- Visualized insights on coaster speed, height, and inversions using Seaborn and Tableau dashboards, uncovering trends in coaster design and performance; analyzed correlations to identify locations with the fastest roller coasters

NBA Hall of Famer Predictive Models Project | SAS EM, Tableau, MS Excel **April 2024**

- Designed predictive models using logistic regression, decision tree, and neural network techniques in SAS Enterprise Miner to forecast Hall of Fame candidates, achieving a 98.9% accuracy with the neural network as the top performer
- Conducted extensive data preparation by integrating and cleaning player stats from 21 files, addressing data non-uniformity using Excel, and visualized model comparisons and results with Tableau: published findings and visualizations on GitHub

CERTIFICATIONS

- Business Analytics Certification (Cleveland State University-2024)
- Tableau Business Intelligence Analyst