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, Project Management & Scheduling

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, 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**: AWS Lambda, Excel Macros, Data Pipelines

PROFESSIONAL EXPERIENCE

Data Analyst | DreamWorks Softwares, (Remote)   **June 2023 – March 2024**
- Collaborated with teams to define business requirements and built data integration strategies, enabling insights that supported strategic decisions
- Enhanced categorization accuracy by 40% through the automation of patent data downloads, ensuring data quality and reducing manual effort
- Designed interactive Tableau dashboards, streamlining the presentation of data insights to stakeholders for improved decision-making
- Applied NLP techniques (NLTK, Word2Vec) to process 50,000+ patents, enabling effective classification into 15 categories
- Automated weekly reporting workflows, reducing preparation time by 35% while ensuring consistent data reliability

Business Intelligence Analyst | Tata Consultancy Services Ltd, Mumbai, IN   **May 2021 – July 2022**
- Collaborated with teams to define business requirements and built data integration strategies, enabling insights that supported strategic decisions
- Enhanced categorization accuracy by 40% through the automation of patent data downloads, ensuring quality and reducing manual effort
- Designed interactive Tableau dashboards, streamlining the presentation of data insights to stakeholders for improved decision-making
- Applied NLP techniques (NLTK, Word2Vec) to process 50,000+ patents, enabling effective classification into 15 categories
- Automated weekly reporting workflows, reducing preparation time by 35% while ensuring consistent data reliability

Business Analytics Intern | MomsKart, Indore, IN   **April 2020 – March 2021**
- Improved marketing campaign effectiveness, increasing click-through rates by 22% through A/B testing and analysis
- Automated data cleaning using Python, reducing manual data preparation by 30% and ensuring consistency in insights
- Conducted in-depth analysis of sales data to identify trends, providing actionable recommendations to enhance revenue
- Built dynamic dashboards that summarized performance metrics, simplifying findings for stakeholders and aiding strategic planning
- Ensured data quality by collaborating with relevant team's paragraphs to clean and structure large datasets

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