Revanth Krishna

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Recent Business Analytics graduate with a passion for data science, looking to apply my improved analytical & machine learning skills to drive business success.

EDUCATION

University Of Galway J.E. Cairnes School of Business & Economics   **September 2023 – July 2024**
Master of Science in Business Analytics (Result**: 1.1**)   *Galway, Ireland*
Relevant Courses: Statistical Techniques for Analytics, Modelling & Analytics, Advanced Programming (Python), Big Data Analytics, Applied Analytics (R), Storytelling through Data Visualization, Systems Development and Project Management, Decision Theory AI & Analytics, Applications Programming (C#)

PES University   **August 2016 - August 2020**
Electrical And Electronics Engineering (Result**: 2.1**)   *Bangalore, India*

WORK EXPERIENCE

Standard Chartered Bank Global Business Services   **December 2021- July 2023**
Developer (Machine Learning)   *Bangalore, India*
- Enhanced machine learning models (Anomaly Accessor and Fintech Finder) within the C3 AI Suite by developing new features using JavaScript, resulting in a 20% reduction in processing time and a 15% increase in accuracy, directly improving operational efficiencies and product performance.
- Collaborated with business analysts and data scientists in a cross-functional team to design data attributes that enabled actionable insights, improving data-driven decision-making and supporting strategic business objectives.
- Conducted comprehensive batch job testing, reducing the error rate by 20% and ensuring the reliability of new features, increasing overall system reliability.
- Designed and implemented user interface components, including responsive forms, reports, and dashboards (using JavaScript) in the Newgen iBPS, supporting machine learning models and enhancing user experience for relationship managers.
- Defined essential business objects and data schemas (using SQL), contributing to a decrease in data mapping errors and process automation time.
- Configured process models for automation using Newgen iBPS, resulting in a 20% reduction in data intake processing time.
- Delivered project updates to Product Owner, contributing to 10% increase in project efficiency and co-improved 20+ user stories.

Standard Chartered Bank Global Business Services   **August 2020 - December 2021**
Data Analyst   *Bangalore, India*
- Created an interactive dashboard with drill-down functionality for 6 different domains, enabling in-depth analysis of key metrics and trends over a span of 6 months, resulting in a 25% increase in data accessibility and insights.
- Implemented Tableau and Tableau Prep to automate data flows, reducing data collation time by 30%, thus accelerating the timeline for strategic insights generation.
- Integrated data from multiple sources using SQL and Python, delivering reliable datasets that reduced Tableau dashboard load times by 50%, boosting performance.
- Presented analytical insights and dashboard demos to the CIO and senior stakeholders, effectively communicating complex data in a comprehensible manner, contributing to informed data-driven decisions.

PROJECTS

AI Detector for Distinguishing Between Human-written and AI-generated Texts   **February 2024 – April 2024**
- Developed a machine learning model using data scraped from multiple sources (using BeautifulSoup & Selenium) and synthetic data generated via GPT-2 (HuggingFace Pipeline), using NLP feature engineering to distinguish between AI-generated texts and human-written content.
- Achieved a robust F1 score of 0.954 using an ensemble method, demonstrating effective differentiation between human and AI-generated texts and enhancing content verification and academic integrity. [Link to Repository].

Predictive Modeling for Song Popularity   **December 2023 – January 2024**
- Developed a predictive model for song popularity using a comprehensive dataset from Spotify.
- Optimized and fine-tuned machine learning models, shifting focus from regression models to classification approaches due to superior performance (15% increase in accuracy), conducted feature importance analysis, and provided insights to support decisions in artist signings and marketing strategies in line with music trends. [Link to Repository].

YouTube Channel Engagement Optimization   **October 2023 – December 2023**
- Analyzed video engagement metrics and viewer interactions on my YouTube channel, extracting data via the YouTube API and processing it with libraries such as Pandas, NumPy, and Scikit-learn.
- Applied advanced data analysis and machine learning techniques, achieving a classification accuracy of 75% in predicting engagement levels, which informed strategic content adjustments. [Link to Repository].

SKILLS
- Programming: Python (Pandas, NumPy, Scikit-learn, TensorFlow), R, JavaScript, C/C+   • Database: PostgreSQL, MySQL
- Project Management: Agile, Scrum, Jira, Confluence, Bitbucket   • Version Control: GIT
- Excel Data Mining (XL Miner)   • Cloud Computing (AWS) & Big Data (Hadoop, Hive, Spark)

AWARDS AND ACHIEVEMENTS
- Secured 2nd place for Business Case Presentation Award at the Toulouse Business School (TBS) Datathon 2024, France.
- Secured Best Delegate Award across various Model UN conferences across India.