ABHINAV CHANDA

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PROFILE

- **4 years** in data analysis, digital transformations and product development. Looking to leverage my consulting and data skills to innovate, drive businesses forward and create a positive impact
- **Skills:** Python, R, SQL, Tableau, Excel, Hadoop, Hive, Spark, PowerPoint, Excel, JavaScript, Agile
- **Core Competencies:** Business Analytics, Statistical Analysis, Artificial Intelligence, Hypothesis Testing, Data Engineering, Machine Learning, Data Mining, A/B Tests, Predictive Analytics, Data Warehousing, Big Data

EDUCATION

Purdue University, Krannert School of Management   **West Lafayette, IN**
Master of Science in Business Analytics and Information Management   **June 2019 - May 2020**

- Built a machine learning model using Keras in Python to predict rushing yards for a play in an NFL game for better judgement of factors - beyond player abilities - crucial to a successful rushing play
- Devised a portfolio optimization system using LSTM and parallel computing in Python to forecast quarterly returns that are fed directly into a R Shiny decision support application for portfolio selection and visualization
- Created an NLP framework in Python using NLTK that reduced misclassification of product listings by 96%
- Developed a regression model for multivariate analysis using NumPy and Scikit-learn to predict NBA player performance with 95% accuracy and recommend optimal player trading strategies within user specified budgets

Graduate Teaching Assistant   **November 2019 – May 2020**

- Teaching Assistant for a Marketing Analytics course focusing on hypotheses testing, marketing attrition, funnel analytics, customer segmentation and decision making in marketing scenarios using R

Kalinga Institute of Industrial Technology   **Bhubaneswar, India**
Bachelor of Technology in Electronics and Telecommunications   **August 2012 - April 2016**

- **Capstone Project –** "Android based, Bluetooth controlled robot with Infrared Sensors for obstacle detection"

PROFESSIONAL EXPERIENCE

Internship with a major US retailer   **West Lafayette, IN**
Data Scientist Intern   **January 2020 – March 2020**

- Designed a machine learning pipeline to detect ADA compliance of products listed on the eCommerce platform leading to potential savings of up to $7.5 Mn from reductions in manual effort and audit findings
- Utilized Tensor Flow for label detection and Tesseract OCR for text parsing from images
- Implemented a validation Framework using OOP to create a scalable, configurable and customer-centric tool
- Created a reporting dashboard using Tableau for monitoring category-wise product compliance metrics

Deloitte Consulting   **Bangalore, India**
Business Analyst – Financial Analysis & Material Management   **April 2017 – April 2019**

- Automated over 10 financial procedures, meeting tight deadlines for a leading US bank for streamlining tracking of metrics, process monitoring and strategy execution, generating savings of over $1 Mn each year
- Formulated cohesive BI solutions for dashboard reporting and monitoring financial KPIs by interfacing with US and Canadian business teams; ensured commitments were met and improved client's revenue by 15%
- Developed web applications and coordinated with cross-functional teams in Australia to refine organizational strategy for high quality material management and scheduling, saving 60 hours per week

Data Analyst – Process Automation & Reporting   **Bangalore, India**
                                                                                 June 2016 – April 2017

- Spearheaded an initiative to digitize consumer complaint logging and onboarding for a major US energy services provider saving over 15 hours of manual effort per week
- Supervised team of five analysts in developing an ETL architecture for sensor data using Hive/SQL and Tableau for enabling predictive maintenance leading to system downtime reduction by 20%

LEADERSHIP ACTIVITIES, AFFILIATIONS, HONORS

- Selected to the 2020 INFORMS Business Analytics Conference for work done in "A Novel Application of Optical Character Recognition for Product Image Compliance"
- Recipient of multiple performance-based awards from Deloitte Consulting for delivering outstanding work
- Tableau certified 'Data Scientist'. Certified by NVIDIA for 'Deep Learning for Natural Language Processing'