SANDEEP MUKHOPADHYAY

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PROFILE

- **3.5 years** as a lawyer and consultant. Seeking an opportunity as a business analyst / consultant / data scientist to leverage my legal consulting experience and data analytics skills to create a positive impact.
- **Tools & Programming Languages:** MySQL, R, Tableau, Python, Excel (inc. @Risk & Precision Tree), SAS Enterprise Miner, Minitab, SimQuick, PowerBI, MongoDB, PowerPoint.
- **Core Competencies:** Business Analytics, Machine Learning, Statistical Modeling, Data Mining, Data Visualization, Predictive Analytics, Prescriptive Analytics, Spreadsheet Modeling, Time Series Analysis, Legal Analysis, Client Interactions, Regulatory Interactions, Drafting and Negotiations.
- Pursuing **STEM degree** with OPT extension up to 3 years.

EDUCATION

Purdue University, Krannert School of Management   **West Lafayette, IN**
Master of Business Analytics and Information Management   **December 2021**

- Merit Scholarship

Gujarat National Law University   **Gandhinagar, India**
Bachelor's Degree in Law   **May 2017**

PROFESSIONAL EXPERIENCE

Krenicki Center for Business Analytics & Machine Learning, Purdue University   **West Lafayette, IN**
Consultant / Project Manager   **June 2021 – *Present***

- Worked as the Project Manager and the primary contact for a robotics project with an undisclosed Fortune 500 company.
- Worked on an internal project to streamline the various projects undertaken by the Krenicki Center.

Various Law Firms and Independent Practice   **Hyderabad, India**
Counsel / Consultant (Corporate-Commercial, Dispute Resolution, Banking & Finance)   **August 2017 – December 2020**

- Led a team to research and publish a handbook recording and explaining the financial laws of India.
- Advised and represented various clients before regulatory authorities in respect of policy actions and wrongful regulatory actions.
- Involved in various transactions pertaining to Mergers and Acquisitions and other B2B transactions.
- Advised various clients on provisions of International Taxation law.
- Appeared and argued before various Courts/Tribunals including the Civil Court, Special Magistrate's Courts, Criminal Courts, Debt Recovery and Insolvency Tribunals and Constitutional Courts.

PROJECTS

- **Lending Club – Fraud Classification Analysis –** Scrubbed data and deployed supervised learning models (Random Forest & XG Boost) to predict loan default using Python.
- **Bankruptcy Classification – Kaggle Challenge –** Developed a Gradient Boosting model using SAS Enterprise Miner to predict if a firm will go bankrupt.
- **Seattle Public Library – Database Management –** Used mySQL to develop a generalized DDL & DML for Seattle Public Library database management system.
- **Craigslist – Categorization –** Scrapped data and deployed learning models to categorize items correctly.
- **NBA – Predictive & Descriptive Analytics –** Created a Shiny App in R to predict results of NBA games using Logistic Regression and display statistics pertaining to teams and players.

LEADERSHIP ACTIVITIES, AFFILIATIONS, HONORS

- **Vice President Student Relations –** Krannert Energy Club (2021-22)
- **University Soccer Team Captain** – GNLU (2016-17)
- **Best Research Paper –** GNLU (2016)
- **Language Fluency –** Hindi (native), English (fluent), Telugu (basic)