Sourish Sarkar

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EDUCATION

West Bengal University of Technology	Kalyani Government Engineering College
Bachelor of Technology, Information Technology	*Aug. 2017 – Aug 2021*

EXPERIENCE

Data Analyst	Dec 2021 – Present
Tata Consultancy Services	*Kolkata*

- **Statistical Models Development**:

  Customized machine learning models to meet client specifications, aligning with their unique requirements. Systematically assessed and finalized the most suitable model, strategically influencing business outcomes and enhancing predictive capabilities for the future. This involved a thorough understanding of client needs, leveraging diverse machine learning techniques to ensure optimal results. The result was a tailored solution that not only met immediate requirements but also contributed to long-term business success through effective predictive modeling.

- **Statistical Analyses and Machine Learning**:

  Conducted 4+ comprehensive statistical analyses encompassing regression, time series, and diverse distribution assessments. Integrated machine learning algorithms and time series analysis are essential for in-depth data exploration.

- **Customer-Centric Dashboard Development**:

  Developed a Power BI dashboard in alignment with client specifications, providing a user-friendly and time-efficient presentation of future predictions. Tailoring the dashboard to enhance clarity and comprehension, the result was highly appreciated by the client for its effectiveness in conveying complex information in a succinct and accessible manner.

- **Testing and Validation**:

  Rigorously tested and validated dashboard modifications to ensure they aligned with customer expectations. Documented changes made for reference and future enhancements.

PROJECTS

Woodside	*Python, Machine Learning, Statistical Modeling, Power BI*	Dec 2021 – Present

- Utilized Python, SciPy, NumPy, and Matplotlib to construct a robust statistical model, employing hypothesis tests for rigorous data analysis.
- Conducted in-depth statistical analyses, focusing on regression and distribution studies, contributing to project optimization.
- Applied machine learning algorithms for thorough data examination and translated insights into compelling visualizations using Power BI as a data analyst.

Pig Breed Detection using Deep Learning Algorithm	*Deep Learning, YOLO*	May 2020 - May 2021

- Created the Project based on object detection and classification using the Deep Learning Model
- Incorporated SVM for classification and YOLO for detection purposes

SKILLS

Languages: Python, C, SQL, HTML
Technical Skills: Machine Learning, Statistics for Data Science, Statistical Analysis, Power BI, Microsoft Excel, DBMS
Libraries: pandas, NumPy, Matplotlib, SciPy, Scikit-learn
Soft Skills:Communication, Training, Problem-Solving, Presentation, Customer-Focus, Time Management

Certifications

- **Technical Excellence Certificate,** TCS

- **Appreciation Certificate,** TCS

- **Data Analysis with Python,** IBM