CONTACT

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EDUCATION

2018-2020
NSHM KNOWLEDGE CAMPUS, KOLKATA
- Master in Data Science

2014-1018
WEST BENGAL STATE UNIVERSITY
- Bachelor's in Mathematics

SKILLS

- Predictive Modelling, MS Suite,
- MySQL
- Data mining and analysis Statistical Modelling, Econometrics,
- Machine Learning, Deep Learning,
- Natural Language Processing
- Python, R Language, C
- Power BI

ACHIEVEMENTS

- 2022-June In the month of June got Client Championship Award

CERTIFICATES

- Workshop on Python Programming (from 28th–30th March,2019)
- Machine Learning using Python Programming (30th August – 6th September, 2019.
- Data Science training by Internshala
- Python Programming training by Internshala

ASHMITA PAUL
ASPIRING DATA ANALYST

PROFILE

An enthusiastic aspiring data professional eager to contribute to team's success through hard work, attention to detail and excellent organizational skills. I come with a clear understanding of machine learning, statistics and mathematics and training in artificial intelligence. Motivated to learn, grow and excel in the Data Science industry

WORK EXPERIENCE

- **PricewaterhouseCoopers (PwC SDC Kolkata Private limited)**
Associate - Ethics & Compliance Services   2021 - PRESENT
  - Promoting and monitoring compliance with applicable external laws and regulations
  - Focused on performing financial statements audits for external and internal clients, followed by the procedures related to work requests from initiation to completion.
  - Involved in the processing of client-related compliance or entities associated with the firm which includes legal background verification, financial statement analysis, and organizational structure establishment.
  - Ensuring compliance support at all levels of investment done by all the members of the firm. Carrying out analysis/research activities and necessary communication along with updating relevant databases/systems and process documentation.·Dealing with the firm's account management services

EDUCATIONAL EXPERIENCE

- **Major Project**
Effective Predictive Modelling for Stock Price Prediction of Indian IT Sector Time Series Having Causal Relationship with DJIA Stock Market Index
  - Aim: To analyze the causality of IT & DJIA and construct several statistical, machine learning and deep learning model for the comparative study about the performance. Algorithm Used: Logistic Regression, Decision Tree, Bagging, Boosting, RandomForest, Artificial Neural Network, Support Vector Machine, Multivariate Regression, Multivariate Adaptive Regression Spline, LSTM. Tools used: R, Python, Pandas, Numpy, TensorFlow, Keras.
  - *Link*
- **Minor Projects**
  - *E-commerce clothing Review Using Sentiment Analysis and NLP.*
  - *Portfolio Management Using Time Series Decomposition Approach*
  - *Association Rule Mining for Last.fm*

PUBLICATION

- ***A Predictive Analysis of the Indian Oil and Gas Sector Using Time Series Decomposition**-Based Approach Proceedings of the 3rd National Conference on Machine Learning and Artificial Intelligence (NCMLAI'20), New Delhi, India, February 1, 2020*
- *Link*