# Abhinav (He/Him)

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## EDUCATION

**University of Westminster**                                              Westminste, London
*Master of Science in Data Science*                                       Jan 2024 - Jan 2025
Relevent Course work:  Business Analytics, Data Mining and Machine Learning, Data Visualization and Dashboarding, Data Warehousing and Business Intelligence, Simulation Modeling, Big Data Theory and Practice

**University of Engineering & Management**                                 Kolkata, W. Bengal
*Bachelor of Technology in Computer Science*                              Jun 2018 - Jun 2022
Awards:  Chancellor's Award for Tech-Maker 2021 and 2022.
R&D work : Research paper: Dual-Mode Enabled IoT-Based Smart Balcony Gardening in Urban Area Link.
Relevent Course work: Pyton programming language, Database Management System, Machine Learning, Software Engineering, Probability and Statistics.

## PROFESSIONAL EXPERIENCE

**Cognizant Technology Solutions**                                        Mar 2023 - Nov 2023
**Data Analyst**
- Conducted data analysis within a financial migration project for a European client, ensuring data accuracy levels of up to 96% and aligning with User Acceptance Testing requirements.
- Adapted and formulated scripts to reveal insights, addressing the specific requirements of the client in the advanced analytics team.

**Cognizant Technology Solutions**                                        Jan 2022 - Aug 2023
**Junior Data Scientist**
- Conducted comprehensive analysis on datasets surpassing 10 million records, identifying pivotal trends and patterns to inform strategic decision-making.
- Developed and implemented a high-accuracy machine learning model for predicting financial data, achieving a 80% accuracy rate. Streamlined the model development and deployment process through Azure ML, resulting in an 60% reduction in deployment delays.

## PROJECT & RESEARCH EXPERIENCE

**Custom ChatGPT type Chatbot: AI Therapist AI-powered chat-bot that leverages the advanced GPT-3**
- Created an AI-powered chatbot utilizing the advanced GPT-3.5-Turbo model from OpenAI to deliver empathetic and confidential mental health support, ensuring accessibility to therapy anytime and anywhere. Link.

**Titanic Survival Analysis**
- Attained top 3% on Kaggle's Titanic Survival Analysis, highlighting outstanding data analysis and modeling skills. Applied advanced machine learning techniques, crafting a highly accurate survival prediction model, contributing to ongoing historical insights.  Link.

**Analyzing 911 Emergency Calls**
- Conducting Exploratory Data Analysis (EDA) on 911 emergency calls to discern patterns and insights, enhancing response strategies for improved effectiveness. Link.

## SKILLS

*Python*, *SQL*, *Exploratory Data Analysis*, *Machine learning algorithms*, *Microsoft Exce*, *Generative Ai*, *Azure*, *AWS*

## CERTIFICATES

**AZ-900**: Microsoft Azure Fundamentals Link.

**DP900**: Microsoft Azure Data fundamentals  Link.

**AI900**: Microsoft AI Fundamentals  Link.

## LEADERSHIP

**Student Innovation Head**          Mar 2020 - May 2022
University of Engineering and Management

**President , IETE Student Chapter**    May 2021 - May 2022
University of Engineering and Management,  Apr