EKANSH AGARWAL

Address: Ghaziabad, India
Phone: +917503464968, **LinkedIn:** Ekansh Agarwal | LinkedIn

Skills

- **Primary Skills:** Statistical knowledge, Analytical thinking, Communication, Critical thinking, Teamwork and Collaboration
- **Languages:** Python, R, Fuse, HTML,CSS and JavaScript
- **Softwares:** Visual Studio, Microsoft Suite, Adobe Suite, PowerBI, Tableau , Matlab, SPSS, QlikSense and Alteryx
- **Database:** SQL,NoSQL,SQLlite, and Oracle

Education

NMIMS University Mumbai– MBA (tech) EXTC Student – Business Intelligence and Analytics & Strategy, Innovation and Entrepreneurship *(Expected June 2024)*

- GPA: **3.44(out of 4)** ; **Research Interests**: Machine Learning, Computer Vision, Algorithms
- **Coursework**: Management Studies, Statistics, Data mining, Big Data, Deep learning and Electronics and telecommunication

Delhi Public School Ghaziabad International- High School *(July 2019)*

- Secured 86% in PCM Background

Summer Internships

HDFC Life, DPPM Department Div., Mumbai, India *(May-Sept' 2023)*

- Developed a Qliksense dashboard for the DPPM department, leading to a 37% decrease in data processing time.
- Enhanced project efficiency through improved stakeholder communication, meticulous documentation of project reports, meeting minutes, and regular updates in JIRA and Confluence, fostering better collaboration and transparency.

NexGen IOT Solutions, Automation Div., Noida, India *(May'22- August '22)*

- Leveraged sensor data for operational excellence and process automation at NexGen IoT, enhancing visibility and reducing costs

The Urban Company Ltd, Marketing Div., Noida, India *(May'21- August '21)*

- Conducted research on industry trends, competitors, and target audience to inform campaign strategies. Provide insights and recommendations based on market analysis in NCR region.

Flipkart Ltd., Operations Div., Gurugram, India *(Jan-March 2021)*

- Collected field data from 120 volunteers
- Utilized Power BI to analyze website traffic patterns, uncovering opportunities to optimize user experience; implemented targeted improvements resulting in a 10% increase in average session duration and a 25% decrease in cart abandonment rate.

Projects

Community Project: Dor Project- For mental health patients using Python

- Developed an AI-driven chatbot leveraging NLP libraries in Python (such as spaCy); implemented sentiment analysis to enhance customer engagement and satisfaction, resulting in a 25% increase in customer retention and a 15% reduction in support ticket resolution time.
- Utilized Python's data visualization libraries (like Matplotlib or Plotly) to create visual representations of mental health trends, user insights, and progress.
- Integrated telemedicine functionalities using Python frameworks to facilitate remote consultations with mental health professionals.

Research Project: Interrelationship of Economic Ecosystems With Social Impact: Examining the Ripple Effect on Communities

- Identified the challenges faced by manufacturing sectors in different countries when adopting technological innovations.
- Evaluated the resilience levels of manufacturing industries in select countries after the pandemic.
- ➢ **Publication: Ekansh Agarwal, Ramatu Ussif**, *Book Chapter : Transitioning From Globalized to Localized and Self-Reliant Economies, IGI-Global*

Research Project: Product search mapping in supply chain management for the customers

- The study aimed to enhance supply chain accessibility and efficiency for improved customer satisfaction by optimizing search functionalities using Decision Trees and Random Forest algorithms.
- ➢ **Presented: Ekansh Agarwal, *"4th CBIAC - Current Business Issues in African Countries"***

Leadership Skills

Strategy and Operations Head (till 2021), GYWS, IIT Kharagpur Initiative for underprivileged children

- Lead and managed a team of 50 staff and volunteers, fostering a positive and collaborative work environment.
- Built and maintained relationships with the local community, schools, NGOs, and other organizations of Kharagpur region.

Conference Reviewer (till present), PyData Global, Educational initiative by NumFOCUS

- Ensured impartial and fair reviews, irrespective of the presenter or their affiliations.
- Evaluated the submissions, which may include research papers, talks, workshops, or presentations, based on criteria such as relevance, novelty, technical quality, and potential impact on the PyData community.

Honors and Awards

- **Received Google top marketer in the Google Non-Profit Immersion challenge in 2021**
- **Received Scholarship Award from FIDC Lucknow for creating Simulation of 50KV Tokomak**