Akshaj Kabthiyal

✆+91-9599560652 ✉ akshaj0910@gmail.com 🔗 linkedin.com/in/akshaj-kabthiyal ⬡ Portfolio website

Professional Summary

Btech. CSE graduate with a good foundation of Analytical skills and programming principles. Result-driven and self-motivated, and therefore effective at completing tasks with minimal supervision. Fast learner with the ability to process and master new skills quickly. Committed to constantly innovate and expand.

Work Experience

Ernst and Young (EY)   Jun 2021 - Aug 2021
Summer Intern (Consulting)

- Project Title: Research/Attribution Assessment Study - India MSME Access to Finance.
  - Carried out Study to review the change of external MSME financing landscape during the Project period and inputs on how the Project supported the key partners/clients in adopting/improving practices/policies/products to enhance MSME lending in India.
  - Performed extensive research and created a repository for 4 Scope areas.
  - Co-authored the project's final Assessment Study Report, presented to the client on project completion.
- Project Title: White Paper on The Current Incubator Ecosystem in India
  - Executed Extensive Research and created a state wise list of more than 400+ incubators present in India.
  - Authored a White paper and analysed the top 10 problems that are currently being faced by start-ups and the wants of the ecosystem.
  - Aided in Providing recommendations to optimize the placement of new incubators in 25 new cities to ensure maximum growth.

Delhi Technological University (DCE)   Aug 2021 - Mar 2022
Research work

- Conducted Experimental research on the stock market and evaluated the trends of a particular stock using up to 10 years of historical data.
- Analysed various existing methodologies and built out or model based on Gaussian Process Regression.
- Obtained Accuracy of up to 75%.
- Co-authored and published a research paper in a SCOPUS Indexed Conference.
- Title: Stock Price Prediction using Gaussian Process Regression

Education

Delhi Technological University,   Aug 2018 – Jun 2022

(Formerly Delhi College of Engineering),
New Delhi – 110042

- **Computer Engineering**, CGPA: 7.14

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Certifications and licenses:

Google Data Analytics Professional Certificate.   May 2022 - Jul 2022

- Created an excel model to track personal finance expenses by utilising SQL & google sheets
- Constructed a logistic regression model using R to predict the housing prices in Delhi with 90% success rate.
- Learnt how to visualize and present data findings in dashboards, presentations, and commonly used visualization platforms.

Deep Learning Specialization.   Dec - 2020

- Built and trained deep neural networks, implemented VNNs and deep learning applications.
- Trained test sets, analysed variance for DL applications, used standard techniques and optimization algorithms, and built neural networks in TensorFlow
- Built a CNN and applied it to detection and recognition tasks, used neural style transfer to generate art, and applied algorithms to image and video data

Skills

- **Technical:** C++, Python, R, Tableau, Excel, SQL, Google Sheets.
- **Language:** Hindi, English.
- **Interests:** Photography, Cooking, Tennis, Badminton.