Contact

+14375564666 (Mobile)

kausthab.dutta1987@gmail.com

www.linkedin.com/in/kduttap (LinkedIn)

Top Skills

Natural Language Processing (NLP)

Predictive Analytics

Datasets

Languages

Assamese (Native or Bilingual)

Hindi (Native or Bilingual)

Gujarati (Limited Working)

English (Full Professional)

Certifications

Certified NLP Coach

AMCAT Certified Proficiency in English

SQL Intermediate

Analyzing and Visualizing Data with Microsoft Power BI

Certificate of Completion - Assistant Project Manager

Honors-Awards

Rising Star Award 2015

Kausthab Dutta Phukan

Data Scientist Helping Others Transform Their Careers | Sales to Data Science | Analytics Mentor | Product Development | Social Impact through Analytics Projects
Hamilton, Ontario, Canada

Summary

As a seasoned professional with over 10 years of experience, I specialize in data science, artificial intelligence (AI), and product development. My expertise lies in applying deep learning and computer vision techniques to solve real-world problems, such as highway pavement degradation in Nigeria and enhancing the real estate industry in Bangladesh through AI-powered recommendation platforms.

My strength is my ability to leverage large language models and statistical analysis to understand patterns and make data-driven decisions. Using drone images, I have successfully developed models for identifying degraded asphalt pavements, significantly reducing on-site observation time and traffic disruption. In addition, my work on the PropertyAI platform has improved transparency in the real estate sector by providing reliable data that aids buyers and sellers make informed decisions.

I am adept at managing datasets, training models, and visualizing data using tools like Hive, SQL, and Python. My unique blend of business development skills allows me to foster relationships with channel partners and manage projects effectively.

If you have an intriguing problem or an idea that can be solved or enhanced with data science, let's connect. Let's harness the power of AI together to create innovative solutions for your business needs.

Experience

Great Learning
Data Science Mentor
December 2021 - Present (3 years 9 months)
Bengaluru, Karnataka, India

Omdena Toronto Chapter
Lead
June 2023 - April 2025 (1 year 11 months)
Toronto, Ontario, Canada

Omdena
7 months

Lead Machine Learning Engineer
August 2023 - November 2023 (4 months)
Toronto, Ontario, Canada

Junior Machine Learning Engineer
May 2023 - September 2023 (5 months)
Ontario, Canada

Omdena Nigeria Chapter
Data Scientist
March 2023 - July 2023 (5 months)

Problem Statement:

Highway pavement degradation is a prevalent situation in Nigeria. The regular operation will be for Engineers or observation onsite. Due to the large land mass of Nigeria and the harsh weather condition, it becomes stressful and time-consuming to use the regular way of onsite observation. This could also disrupt traffic on the highway.
Using Deep learning and computer vision to identify and also classify these degraded asphalt pavement using drone images all in real-time.
Though much research has tried to build models, this project will try to increase the classes and also address Highways in Nigeria

Omdena Bangladesh Chapter
Task Lead
March 2023 - May 2023 (3 months)
Greater Toronto Area, Canada

Developing an AI-powered Recommendation Platform for the Real Estate Industry in Bangladesh: PropertyAI

Project Goals:

1. Collect and analyze real estate data:

We aim to collect and analyze data on real estate transactions, land prices, and surrounding facilities, using AI and machine learning algorithms to identify patterns and trends. This data will be presented in a user-friendly and accessible format, allowing consumers and developers to make informed decisions about properties.

2. Improve transparency and information symmetry:

We will improve transparency and information symmetry in the real estate sector in Bangladesh, by providing reliable and comprehensive data to users. This could help to reduce corruption and other illegal practices in the sector and increase public trust and confidence in real estate transactions.

3. Provide better recommendations:

The platform should leverage AI to provide better recommendations to users, based on their individual preferences and needs along with AI's outcomes from the recommender engine. For example, the platform could recommend similar properties based on the user's budget, location preferences, or other criteria, and provide insights on the best time to buy or sell.

4. Foster a more efficient real estate market:

By providing valuable insights and recommendations to consumers and developers, the platform should help to foster a more efficient and competitive real estate market in Bangladesh. This could ultimately benefit both buyers and sellers, by improving the quality and transparency of real estate transactions and increasing the overall value of the sector.

TheMathCompany
Associate Data Scientist
October 2022 - February 2023 (5 months)
Canada

TheMathCompany
Associate
June 2021 - July 2022 (1 year 2 months)
Bangalore Urban, Karnataka, India

Mantra Properties and Developers

Senior Manager
November 2018 - April 2020 (1 year 6 months)

GudFud inc.
Independent Business Owner
July 2016 - August 2018 (2 years 2 months)
Pune Area, India

We offer homely food which is Hygienic and affordable to corporates, PG,

Hostels etc etc.

Lodha Group
Deputy Manager Sales
July 2015 - June 2016 (1 year)

Luxury Real Estate Sales

Xeeva, Inc.
MarketPlace Analyst
June 2014 - July 2015 (1 year 2 months)
Bhopal, Madhya Pradesh

Supplier Development

Negotiation

Spend Management

Spend Analytics

ICICI Lombard
Sales Manager-Geo Structure
March 2013 - June 2014 (1 year 4 months)
Guwahati

Channel Management: working closely with channel partners and helping them

in enhancing their business.providing them with vital statistics to boost sales.

Agency development: identifying potential agents in the GI industry. convert

competitor agents.

Team management

Handling the Bancassurance vertical

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Education

Great Lakes Institute of Management

Executive Learning, Data Science and Business Analytics · (2020 - 2021)

Defense Institute of Advanced Technology (DIAT), DU, DRDO

Certificate Course on Artificial Intelligence & Machine Learning, Artificial Intelligence & Machine Learning · (February 2021 - May 2021)

ICFAI BUSINESS SCHOOL,HYDERABAD

MBA, Marketing

Lukhdhirji Engineering College

B.E, Production

Cotton College, Guwahati

+2, Science