KARAN KAUSHIK

ASST. MANAGER|| DIGITAL TRANSFORMATION

PROFILE

A result-oriented and focused Data Science & Automation Professional with a successful 7.2+ years of dynamic career, out of which 6+ years in esteemed industry-relations and proven achievements in tailoring industry relevant skills in Data Science, Execution and Delivery management. Skilled in Data Science, Automation, Visualization, SQL, Python, Power BI, Data Analysis & Business Intelligence.

CONTACT

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ACHIEVEMENTS

AWS CCP Certified

Python Certification

ML & DL Certification - Ineuron.ai

SQL Certification

Power BI Certification

VBA Certification

Additional Roles - Corporate Trainer

EXPERIENCE

NOV 2021 - TILL PRESENT
GENPACT - ASST. MANAGER | DIGITAL TRANSFORMATION
Expertise in key Data Science Domains such as Customer analytics, Acquisition Modelling, Recommendation engine, Segmentation, & Marketing Analytics in the Insurance Domain. Work hands-on and lead the development and implementation of predictive models, data mining algorithms, and statistical analysis techniques.

- Data-driven, Analytical Data Scientist with extensive experience in ML Models. Key resource in Model Creation & Model Tuning using Hyperparameters.
- Provides in-depth analysis, discovers root causes, and designs long-term solutions.
- Motivated and analytical professional with experience in evaluating dashboards and developing reports on Insurance Dataset. Certified Excel Specialist proficient in SQL, Python, and Power BI.

JAN 2019 - NOV 2021
AON - CONSULTANT | BITS
Analyzes data to identify patterns and trends, and uses statistical models and formulas to answer questions and verify assumptions. Deliver machine learning models in a state that can be picked up by a software development team and get it operationalized.

- Able to analyze data, identify patterns, and extract actionable insights and information from multiple sources.
- Diligent Consultant with extensive knowledge of SQL, Python, Power BI, and Tableau. Facilitate business growth through data management optimization and SQL queries.
- Collaborative leader is adept at preparing and presenting findings to executives and key stakeholders.

MAY 2017 - DEC-2018
ADAAN DIGITAL SOLUTIONS - MIS ANALYST
Automating, modifying, and optimizing reports in Excel through Python & VBA. Successfully interpreted data in order to conclude managerial action and strategy. Converting data into actionable insights by predicting and modeling future outcomes.

EDUCATION

PURSUING PGP IN DATA SCIENCE AND MACHINE LEARNING
MITX MICROMASTERS AND INTELLIPAAT SOFTWARE SOLUTIONS PVT. LTD.

PGDM SPECIALIZATION IN OPERATIONS
IMT Ghaziabad | 2016 - 2018

BACHELOR OF COMMERCE
Delhi University | 2012 - 2015

SKILLS

Core Python

ML Model Creation

Scikit Learn

Numpy & Pandas

Seaborn & Matplotlib

SQL, MongoDB

HTML & CSS

NLP | Text Analytics

Power BI & Tableau

VBA, Openpyxl & Other Libraries

TECHNICAL SKILLS

Programming Language - Python, VBA

Automation Using Python, Selenium & Other Supporting Libraries

ML & NLP Models Creation

Database - SQL Server, Mongo DB, MS Access, JSON Files

Web framework - Flask & Django Framework

Data Modelling & Data Wrangling

Statistic Modelling & Analytical Ability

Visualization Tools - Power BI & Tableau

Business Intelligence & Data Analytics

Advance Excel

CORE COMPETENCIES

In-Depth knowledge of Insurance Domain

Strategical Thinking

Problem Solving Skills

Responsible Decision-Making

Project Management

Contribution to Technical Community

AWARDS

LDT Leadership Recognition 2023 & 2022 - Genpact

Automation Gold Award 2023

Automation & Innovation 2020 - AON

Best Workstream 2019 - AON

Analytics & Innovation 2018 - Adaan

PROJECT WORK

CUSTOMER SEGMENTATOIN MODEL - TAILORING MARKETING STRATEGIES
Together with 5+ team members we successfully created a Customer Segmentation & prediction model based on the Clustering & Regression technique to amplify the efficiency of marketing strategies and boost sales through customer segmentation. We aimed to transform the transactional data into a customer-centric dataset by creating new features that will facilitate the segmentation of customers into distinct groups using the K-means clustering algorithm.

Environment & Technology: Machine learning algorithms, Data Pre-Processing, Feature Engineering, Deployment, SQL and Jupyter &Pycharm as IDE.

Contribution:
Involved in requirements gathering as Team lead with stakeholders for various use cases and Feasibility checks for all the requirements with timelines.
Working closely with developers and engineering teams to encourage statistical best practices concerning experimental design, data capture and data analysis.
Working in collaboration with Product Managers to understand the challenges of product development and provide a solution with ML and AI techniques.
Create different linkages (ex. Selenium & SQL Database) as data needs to be captured through web-based applications.
Participating in Data Capturing & Preprocessing Techniques to make data useful for creating Machine Learning Models
Building baseline models for the requirements with necessary data preparation.
Parameter tuning process for optimal model hyperparameters.

Highlights:
Proactively identify customers who are going to churn out from the system.
Improve customer retention rate by 10% Annually. Product recognized by Managers, Stakeholders and Leadership Team for innovation, communication, and teamwork to ensure quality and timely project completion.

PREDICT UNDERWRITING DECISIONS FOR LIFE AND HEAL INSURANCE
Classification Model
Together with a team of 10+ team members we successfully created a Intelligent Underwriting Model. The use of an ML-enabled risk management system allows insurers to speed up and facilitate underwriters' work. Our goal was to increase operational efficiency and intelligent decision-making in underwriting in a range of ways:
- Streamline Submission Triaging
- Improving Coverage Recommendations
- Assessing Risks Accurately

Environment & Technology use: Classification Algorithms, Data Pre-Processing using Pandas, Feature Engineering, Deployment, SQL and Jupyter &Pycharm as IDE.

Contribution:
As an individual contributor, I develop statistical models, machine learning algorithms, and predictive analytics solutions to address business challenges. I analyzed large amounts of complex data to extract insights and drive decision-making. We designed experiments to test hypotheses and measure the effectiveness of solutions.
Share the weekly analysis with the team to check whether the model is providing efficient results or not.

Highlights:
Automating submission triaging and assessing risks more accurately.
Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality and timely project completion.