

# VINIT MEHRA

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## EDUCATION

### INTERNATIONAL INSTITUTE OF BUSINESS STUDIES

Master of Business Administration

August 2023 - Present

### SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Bachelor of Technology, Computer Science with specialization in AI & ML.

July 2019 - May 2023

CGPA: 9.17

## AREA OF INTEREST

- Data Analytics
- Business Analytics
- Data Engineer
- ML Engineer

## TECHNICAL SKILLS

**Programming Languages:** Python - C/C++ - SQL - R - JavaScript - HTML - CSS

**Software Tools:** Power Bi - Tableau - Microsoft excel - AWS - Apache Spark - Hadoop - TensorFlow - Unreal Engine

**Machine Learning and Analytics:** Machine Learning - Data Analytics - Business Analytics - Extract, Transform & Load - Big Data - NoSQL - Statistical Models - Visualizations - Time Series Analysis - Exploratory Data Analysis - Artificial Intelligence - Deep Learning - Natural Language Processing - Computer Vision - Regression Analysis - Cluster Analysis

## PROFESSIONAL EXPERIENCE

### Unified Mentor Pvt Ltd

February 2024 - April 2024

#### Data Analyst Intern

- Developed predictive models using machine learning algorithms and statistical methods to forecast key performance indicators (KPIs) in **HR analytics**, **Finance**, and **Sales domains**
- Conducted data preprocessing, cleaning, and feature engineering resulting in **15% improvement in model accuracy** and a **30% improvement in efficiency**, ensuring high-quality input data for analysis and creating dashboards

### Intervie Tech

February 2024 - March 2024

#### Data Analyst Intern

- Completed data cleaning, exploratory analysis, visualization, and model development tasks, resulting in a 25% reduction in data processing time and a **15% improvement in the accuracy of model**
- Demonstrated leadership and expertise by **leading** and **representing** the team for the final task, resulting in increase in team productivity and successful project completion ahead of schedule

## PROJECTS AND PAPERS

[GitHub](#) • [Kaggle](#) • [Tableau Public](#) • [Google Scholar](#)

- **Paper on Efficient Net-based Expert System for Facial Skincare Recommendations:** Developed and deployed a hybrid machine learning model for personalized facial skincare recommendations, achieving a validation accuracy of 80% and a training accuracy of 87.10% with the implementation of EfficientNet B0
- **Paper on Optimizing Real-Time Path Planning for NPC Navigation:** Improved video game character movement with a smarter path planning method, resulted in a 25% reduction in NPC navigation errors and a 5% improvement in path planning
- **Gemma LLM: Empowering EDA for Fast-Food Sales Insights:** Used Gemma Language Model (LLM) in Python to understand fast-food sales data better, promoting responsible AI use. Achieved a 20% improvement in sales forecasting accuracy
- **Data analysis - NSE MNC Revenue 21-23:** Analyzed revenue trends of NSE-listed multinational corporations (MNCs) from 2021 to 2023, showcasing post-pandemic profitability and notable revenue growth using data from Moneycontrol.com and Cleartax.in.

## CERTIFICATIONS AND MEMBERSHIP

Certifications	Issuing organization
Microsoft Power BI Data Analyst Professional Certificate	Microsoft
Database Foundations	Oracle
Apache Spark (TM) SQL for Data Analysts	Databricks
SQL (Advanced) Certification	Hackerrank
Python Certification	Hackerrank

## AWARDS AND ACHIEVEMENTS



Authored and published **research papers** at IEEE



Elected as **President of the HR Club** of the first year MBA



Finalist in the **Best Manager** event at the IIBS Surface 2023



Promoted to **Kaggle Contributor** status through successful competition participation