

TEJAS SHINDE

DATA SCIENCE MANAGER

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📄 tejasshinde.info

ABOUT ME

Certifier Data Scientist with over 5+ years of experience in Machine Learning, Advanced NLP, Data Analysis, Advanced People Analytics.

Committed to driving innovation and efficiency, I aim to contribute to transformative projects that empower organizations to thrive in today's rapidly evolving digital landscape.

With a passion for automation, continuous integration, and machine learning, leading cross-functional teams in optimising development pipelines, deploying robust cloud architectures, and unlocking actionable intelligence from complex datasets is the sole objective.

SKILLS

Languages and Statistics : Python, R, LLMs, Advanced NLP, Machine Learning, HuggingFace

Frameworks and DevOps : Azure ML, Azure App Service, Azure Container Registries, Azure OpenAI, Docker.

Database / BI Tools : Git, PowerBI, SQL, ADF, Tableau, Django, Flask, Streamlit, Oracle BI.

Applications : MS Office, Advanced Excel, SharePoint, JIRA, Confluence.

EDUCATION

Masters in Computer Science (Computer Applications)

Symbiosis International University, India

Apr '20 with CGPA 8.89 / 10

Bachelors in Computer Applications

Symbiosis International University, India

Apr '18 with CGPA 7.86 / 10

ACHIEVEMENTS

Career

Extra Miler Award for H2 2022 (Global)
Leading Lights Award for H2 2021 (Global)
Zenith Award for H2 2021 (Global)
Leading Lights Award for H1 2021 (Global)

Extra Curricular

Skydiver Training Course, San Diego, USA - 2018
Ethical Hacking & Information Security - 2015
Guinness World Record for the most people solving the Rubik's cube under 30 minutes - 4th Nov 2012
Player of the season, Brazilian Soccer School
Syria Football Association, Highest Goal Scorer
2nd in Texas Hold'Em and 3rd in FIFA at Sympulse, Pune

WORK EXPERIENCE

HSBC

Jun '22 - Present

Data Science Manager

- Pioneered an NLP toolkit transforming huge text chunks like exit surveys, performance & reviews surveys and other sorts of text data into actionable insights, simplifying decision-making processes for senior stakeholders and top of the house at HSBC.
- At the helm of Azure foundation, led the seamless integration of Azure ML, Azure App Containers & Azure App Services revolutionizing data processing pipelines and accelerating innovation within the data science ecosystem.

HSBC

Jul '20 - Jun '22

Senior Data Scientist

- Research & analysis to see predictive information on the workforce, manager effectiveness, skillset prediction & drove conversations as to what can be done to optimize business processes in HSBC from HR standpoint.
- Designed experiments to validate hypothesis, leading to valuable insights in terms of cost forecasts which helped the finance functions to manage resources effectively.
- Devised and deployed churn models using applied statistics, machine learning algorithms & advanced statistical techniques. Additionally reduced time spent on manual tasks by developing automated solutions using Python scripts and SQL queries.

PROJECTS

lingo rephrase (NLP product)

- A comprehensive solution designed to streamline the process of deriving insights from textual data, end to end. Leveraging state-of-the-art Natural Language Processing techniques & LLMs, our toolkit empowers users to extract valuable insights, patterns, and sentiments from unstructured text data with ease.
- The product catered group-wide, providing services like text pre-processing, feature extraction, unsupervised auto-labelled topic modelling, sentiment analysis, named entity recognition for anonymizing sensitive data & summarization at nth level.

Workforce Summary (Statistical Research & Analysis)

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Work Rationalization

- A core team, which helped wider team members automate their data heavy reports. Aim was to cut down resources and free them up for R&D purposes.
- Achieved ~800 PPTs being automated saving ~20 days of time by 10 FTE.
- Achieved ~18 reports being automated (average hovering over 30 mins per report) to bring down total time for running these 18 reports monthly from 540 minutes/month to 20minutes/month