

# ADEESH KRISHNA

## Data Analyst

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### EXPERIENCE

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| <b>Data Analyst, Accurate Legal Billing</b> <ul style="list-style-type: none"><li>Leveraged <b>BERT</b> for UTBMS code classification, automating the process and achieving <b>90% accuracy</b> and <b>reduced processing time by 50%</b> through optimized data workflows using Python.</li><li>Built <b>interactive Power BI dashboards</b> to monitor KPIs and support data-driven decisions.</li><li>Collaborated with cross-functional teams to enhance product features through data insights.</li></ul>                             | 12/2024 – present<br>Kochi, India |
| <b>Data Science Intern, Luminar Technolab</b> <ul style="list-style-type: none"><li><b>Processed</b> and cleaned datasets of 500,000+ entries using Python and created <b>predictive models</b> using <b>Pandas</b>, <b>NumPy</b>, and <b>Scikit-Learn</b> that increased model accuracy by 15%.</li><li>Implemented 5+ <b>machine learning</b> and <b>deep learning models</b> for <b>computer vision tasks</b>.</li><li>Developed 3+ interactive <b>Power BI</b> dashboards using <b>DAX</b> to visualize key business metrics</li></ul> | 02/2024 – 11/2024<br>Kochi, India |

### SKILLS

**Programming Languages:** — Python, SQL

**Libraries / Frameworks:** — Numpy, Pandas, Streamlit, Scikit-learn, Scikit-Image, Matplotlib, Seaborn, Keras, Tensorflow, OpenCV, MediaPipe, Generative AI, YOLO, NLP, NLTK, LangChain, Flask

**Tools / Platform:** — Pycharm, Colab, Visual Studio Code, PowerBI, Postman

**Databases:** — MySQL

### PROJECTS

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|--|---------|
| <b>AI-Powered PDF Query Web App – IntelliPDF</b> <ul style="list-style-type: none"><li>Developed a web app to upload and query PDFs using natural language, powered by <b>Retrieval-Augmented Generation (RAG)</b>.</li><li>Integrated <b>OpenAI LLMs</b> with <b>LangChain</b> and <b>ChromaDB</b> for accurate, context-based answers with source references.</li><li>Built a modular <b>Flask</b> backend and responsive frontend using Tailwind CSS and JavaScript.</li></ul>        | 04/2025 |
| <b>SmartAd – Intelligent Digital Advertisement Board</b> <ul style="list-style-type: none"><li>Engineered an intelligent digital advertisement system using <b>OpenCV</b> and <b>MediaPipe</b>.</li><li>Trained <b>VGG16 model</b> on 4,000+ fashion images, achieving 82% accuracy in classifying 4 attire categories.</li><li>Designed and deployed ML model to predict user interests and display targeted ads in real-time.</li></ul>  | 08/2024 |
| <b>Autism Detection from Facial Images</b> <ul style="list-style-type: none"><li>Trained <b>CNN</b> on dataset of 2,500+ facial images, achieving 82% detection accuracy.</li><li>Developed <b>Streamlit</b> web app handling 20+ images/minute with average processing time of 3 seconds.</li><li>Contributed to early autism detection and enabled healthcare providers to screen 3x more children while reducing diagnostic costs by 80%.</li></ul>                                   | 07/2024 |
| <b>Predicting Success of Bank Marketing Campaign</b> <ul style="list-style-type: none"><li>Analyzed dataset of 45,000+ customer records with 17 features to predict campaign success.</li><li>Achieved 92% prediction accuracy using <b>Random Forest</b> with 100 trees and optimized <b>hyperparameters</b>.</li><li>Focused on understanding customer behavior, identifying key features influencing customer decisions, and predicting the success of marketing campaigns.</li></ul> | 06/2024 |
| <b>Amazon Sales Analysis Report</b> <ul style="list-style-type: none"><li>Analyzed 10,000+ sales records across 25+ product categories to identify trends and patterns.</li><li>Built 3-page <b>Power BI</b> dashboard tracking 15+ KPIs for product performance.</li><li>Leveraged <b>engaging visuals</b> and <b>filtering</b> to enable users to explore top-selling products, identify high-demand regions, and track monthly sales patterns.</li></ul>                              | 10/2024 |

### EDUCATION

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|---|--|
| <b>Master of Science - Physics, Catholicate College</b> <ul style="list-style-type: none"><li>CGPA: 4.81/5</li></ul>    | 06/2019 – 07/2021<br>Pathanamthitta, India |
| <b>Bachelor of Science - Physics, Catholicate College</b> <ul style="list-style-type: none"><li>CCPA: 9.62/10</li></ul> | 07/2016 – 04/2019<br>Pathanamthitta, India |