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| **Umang Purwar** | Bengaluru, Karnataka | [LinkedIn](https://www.linkedin.com/in/umangpurwar/),  9795033653 | [Portfolio](https://umangpurwar1.wordpress.com/) | [Github](https://github.com/umangpurwar03)| [umangpurwar03@gmail.com](mailto:umangpurwar03@gmail.com) |  |
| Applying Python for advanced data analysis and AI, expertise includes computer vision, machine learning, delving into NLP, navigating AWS, utilizing Power BI, and adeptly employing deep learning frameworks. | | |  |
| Experiencedata science intern | Innodatatics | Hyderabad, India | April/2023- Present • Led data cleaning and feature engineering initiatives, driving the optimization of marketing strategies and elevating conversion rates by 25%.  • Executed NLP sentiment analysis, elevating positive sentiment scores by 20%.  • Engineered and deployed advanced image analysis and OCR system, achieving an 80% time savings and a 90% reduction in manual errors for TMT rod counting using open-source models and machine learning APIs.  • Proficient in Python, CNN, YOLO, and AWS (ec2) for training. | | |  |
| SKILLS •**Technical Skills**: MLops, Artificial Intelligence, Machine Learning, Computer Vision, Web scrapping, NLP, Large Language model, Data Analysis, Data Visualization, Neural Networks.  •**Familiar Tech stack:** Python, SQL, MS EXCEL, AWS, PowerBI, TensorFlow, Keras, PyTorch, NumPy, Pandas, Scikit-learn, OpenCV, statsmodels | | |  |
| PROJECTS •**Medical Sales Analysis-**Innodatatics  Applied Python and EDA to analyze Pharmasales data , identifying trends, customer preferences, and areas for sales optimization.  **Skills:** Python | SQL | MS Excel | Data Analysis | EDA | Trend Identification | Sales Optimization.  •**Sales Tracking Dashboard for TMT Rods Across India-** Innodatatics  Developed a dynamic PowerBI dashboard tracking sales of TMT rods for various clients across India, featuring key metrics, client-wise sales, geographical filters, and diverse chart representation.  **Skills**: PowerBI | sales analytics | data visualization | •**Domain Chatbot-**Peerlist Hackathon  Your AI Assistant: Seamlessly Extracting data from URLs, PDFs, and CSVs and then used Open source Lamma 2 model for creating Chatbot.  **Skills:** NLU | LLM | Deep Learning| TensorFlow | NLP | Transfer Learning | FIASS | NLTK | Spacy  •**BAR-BENDING-SCHEDULING-**Innodatatics  Streamlining construction, automating data extraction, developing image analysis OCR system, saving time, improving accuracy, and enhancing efficiency.  **Skills:** Python programming | CNN | Computer Vision | YOLO | OCR | Image processing techniques (padding, contour detection, etc.) | AWS deployment. | |  |
| EDUCATIONBachelor of technology Dr. Ambedkar institute of technology for handicapped | Kanpur, India | 2018-2022 | PUBLICATIONS [**Improving Construction Efficiency with Artificial Intelligence: Automated Bar Bending Schedule Generation,**](https://www.tijer.org/papers/TIJER2309124.pdf)  TIJER - INTERNATIONAL RESEARCH JOURNAL | |  |
| Certifications •[AI and ML Nano Degree, PrepInsta- February 2023](https://drive.google.com/file/d/1zCKF-Kxk9kuTmvfCXkShj8AiZ43ZPSCj/view?usp=sharing)  •[Data Science with AI,360digiTMG- September 2022](https://360digitmg.com/verifier/f3d5230f-73c1-4422-83de-148feca09629)  •[Data Science, Nasscom - Issued on May](https://drive.google.com/file/d/1xELQtYpCmH8dTPo_YlUi0Pu6Hlm-fQ7Q/view?usp=sharing)  •[PowerBI, PrepInsta- February 2023](https://drive.google.com/file/d/1-Qa59OkCabHiYue40CRTOeTHm2mnfd3M/view?usp=sharing)  •[Python Fundamentals, Nasscom- Issued on May](https://fsp-assessment-certificates.s3-ap-southeast-1.amazonaws.com/UmangPurwar-4374.pdf) | HOBBIES Watching Netflix, Playing Badminton, Travelling, Trekking. Languages Hindi, English | |  |