Shubham Wankar

Data Scientist

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- in LinkedIn
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- 🌐 Portfolio Website

SUMMARY

Certified Data Scientist with an experience of 5+ years in Operations with advanced understanding of statistical
and analytical techniques. Well acquainted with gathering, cleaning and organizing data for use by technical and non-technical
personnel. Customer-obsessed self-starter with acumen to build and maintain tools, extract and consolidate data, conduct analysis,
and provide insights.

KEY SKILLS

Data Analysis
Machine Learning
Statistics
Data Visualization tools
Data Cleaning
Data Mining
Mathematics
Quantitative Techniques
Statistical Packages
NLP
 Excellent Written and Verbal
Communication skills
Keras
Dashboards
Predictive Modeling
Critical Thinking

TECHNICAL SKILLS

Python Programming, SQL, Tableau, Power BI, Excel, Word, Powerpoint, MS Office, SVM, Random Forrest, Decision Trees

CERTIFICATIONS

Hackerrank SQL Intermediate Certification

INTERNSHIPS

Junior Data Scientist
Zummit Infolabs

Jan '23 - Present

- Research and development on new technologies such as Reinforcement Learning, Deep Learning and Natural Language Processing.

Data Science & Business Analytics Intern
The Sparks Foundation

Oct '22 - Oct '22

- Built a hybrid Stock Price Prediction model using CNN, LSTM, GRU layers by analysing the historical stock price data and performing sentiment analysis on TOI news headlines.
- Created a Dashboard and Storyboard using Tableau by performing Exploratory Data Analysis on Global Terrorism Data.

Data Science Intern
Corizo

Jul '22 - Aug '22

- Collaborated with a team of 3 to build an end-to-end Wine Quality Analysis model and deployed it using Flask API.
- Conducted A/B testing on Regression and Classification models
- Performed detailed exploratory data analysis and applied feature engineering to 1000+ rows of data to gain actionable insights

KEY DATA SCIENCE PROJECTS

1. Telecom Churn Prediction | Domain: Telecom | Tool used: Python, Statsmodels
- Pioneered data cleaning and feature engineering to build 2 models. One model using PCA and XGBoost algorithms for enhanced model performance. Other model using Logisitic Regression and Statistics to determine KPIs for customer churn.

2. Customer Segmentation | Domain: Retail | Tool used: Python, Pandas, Sci-kit Learn
- Performed data manipulation and RFM Analysis to segment the customers based on their recency, frequency and monetary value of purchase. Built a k-Means clustering model as an alternative to RFM approach.

3. Skin Cancer detection using CNN | Domain: Medical | Tools used: Python
- Applied data modeling techniques such as image resizing and data augmentation on image data using OpenCV and Tensorflow. Built a CNN model to detect melanoma with an accuracy of 78%.

PROFESSIONAL EXPERIENCE

Senior Investigation Specialist
Amazon

Oct '20 - Sep '22

- Consulted with global level operation policy stakeholders to optimize Standard Operating Procedure, led to 5% reduction in handle time.
- Trained and mentored a batch of 15 new hires with 98% work quality and 99% productivity
- Expedited over 400+ quality audits and counselled as a subject matter expert to amplify quality and provide business insights

Investigation Specialist
Amazon

Feb '17 - Oct '20

- Evaluated Intellectual Property rights complaints from Rights Owners and appeals from selling partners with 125% productivity.

EDUCATION

Masters, Data Science
Liverpool John Moores University, UK

Oct '21 - Sep '22

Dissertation

Stock Portfolio Optimization using Deep Reinforcement Learning for Indian Stock Market

Post Graduate Diploma, Data Science
IIIT-B, Bangalore

Jun '20 - Jul '21

Deep Learning Specialization

Bachelors of Technology, Engineering
J.B. Institute of Engineering & Technology, Hyderabad

Aug '12 - Sep '16