

Shubham Wankar

Data Scientist

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Bangalore, India

LinkedIn

Github

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

Data Science & Business Analytics Intern

Oct '22- Oct '22

The Sparks Foundation

- 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

Jul '22- Aug '22

Corizo

- 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

- [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 Logistic Regression and Statistics to determine KPIs for customer churn.
- [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.
- [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

Oct '20- Sep '22

Amazon

- 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

Feb '17- Oct '20

Amazon

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

EDUCATION

Masters, Data Science

Oct '21- Sep '22

Liverpool John Moores University, UK

Dissertation

Stock Portfolio Optimization using Deep Reinforcement Learning for Indian Stock Market

Post Graduate Diploma, Data Science

Jun '20- Jul '21

IIIT-B, Bangalore

Deep Learning Specialization

Bachelors of Technology, Engineering

Aug '12- Sep '16

J.B. Institute of Engineering & Technology, Hyderabad