

WANIA ZEHRA RAHMAT

DATA SCIENTIST/DATA ANALYST

✉ waniazehra110@gmail.com ☎ +971501537110 🌐 <https://github.com/wania96> 📍 DUBAI (RESIDENCY VISA)
🌐 <https://linktr.ee/Wania96> 🌐 <https://www.linkedin.com/in/wania-zehra-data-scientist>

Dedicated data scientist with two years of hands-on experience in applying statistical analysis, machine learning, and data-driven insights to solve complex business challenges. Proven track record of delivering actionable solutions and driving data-driven decision-making. Proficient in data collection, cleaning, and visualization, with a strong foundation in predictive modeling and statistical analysis. Experienced in collaborating with cross-functional teams and passionate about leveraging data to impact business growth.

Experience

VP Data scientist

2023-present

MYGREEN HEALTH STARTUP (USA)

- Utilize SQL to extract, clean, and transform large healthcare datasets, ensuring data integrity and privacy compliance within a blockchain framework.
- Apply Machine Learning techniques, such as regression and classification, to analyze healthcare data and develop predictive models that enhance patient care and optimize operations.
- Conduct in-depth market research to analyze and assess competitors' strategies within the blockchain-based healthcare sector, considering factors like data security and interoperability.
- Generate comprehensive reports that provide actionable insights and recommendations for strategic decision-making in the context of blockchain-based healthcare.
- Utilize data visualization tools (e.g., Tableau, Power BI) to create visually compelling presentations and dashboards that communicate healthcare-specific findings and blockchain innovations.

Freelance

2022-present

- Conducted in-depth data analysis and developed predictive models using Python, Pandas, and Scikit-Learn to optimize inventory management for a retail client, resulting in a 15% reduction in carrying costs.
- Designed and implemented a recommendation system for an e-commerce platform, enhancing user engagement and increasing sales by 10%.
- Collaborated with a healthcare startup to create a predictive model for patient readmission rates, leading to a 20% reduction in hospital readmissions.
- Created movie recommendation system with deployment using STREAMLIT.

Internship

TECHNOCOLLABS

June 2023- July 2023

- Worked on a project centered around "Predictive Modelling on Mortgage Backed Securities "
- Performed tasks such as web scraping, data mining, data analysis, data manipulation, data classification techniques, data visualization, and data modeling.
- Successfully deployed the project on a cloud platform with web frameworks.
- Spearheaded data gathering, cleaning, and organization efforts, resulting in a 25% reduction in data processing time and improved data accuracy by implementing automated data pipelines.

Internship

May 2022- Sep 2022

NEURALVERSE

- Worked on the project "Demand Analysis for VMART Retail PVT. LTD".
- Conducted data analysis, including data cleansing, feature engineering, and exploratory data analysis (EDA) using Python and SQL.
- Utilized data visualization tools (e.g., Matplotlib, Seaborn) to create insightful charts and visual representations of data trends.
- Worked on the project "Readmission Risk" from claims data of US healthcare industry, and proactively advised patients about upcoming admission risks.

CAREER

- Developed ML algorithms to analyze huge volumes of data to make predictions.
- Designed machine learning systems and self-running artificial intelligence (AI) software to automate predictive models.
- Utilized data modeling and evaluation strategies to find patterns and predict unseen instances. • Selected appropriate datasets and data representation methods.
- Performed advanced data extraction and data manipulation.

TECHNICAL SKILLS

- Python, R
- SQL and database management
- Data preprocessing and cleaning
- Machine learning algorithms
- Data visualization tools (e.g., Tableau, Matplotlib, Seaborn)
- Deep learning frameworks (e.g., TensorFlow, Keras)
- Natural Language Processing (NLP)
- Statistical analysis and hypothesis testing
- Predictive modeling
- Time series analysis
- Feature engineering
- Deployment (Flask, Streamlit)
- Power BI
- Microsoft Excel

SOFT SKILLS

- Problem-solving
- Analytical thinking
- Attention to detail
- Effective communication
- Team collaboration
- Critical thinking
- Project management
- Adaptability
- Continuous learning
- Business acumen
- Data storytelling
- Research skills

PROJECTS

- Atliqo technology analysis (codebasics challenge)
- Face mask detection using YOLOV5.
- Sentiment analysis using NLP
- Email spam detection with GUI application. •
- End to end loan prediction system with 93% of accuracy.
- Bank fraud alert with FLASK deployment.
- X-ray pneumonia detection using CNN.
- Motion detection using OPENCV
- End to end UBER fare prediction with R2 score 0.80.
- Predict CLTV of customers Analytics Vidhya jobhathon challenge
- Predictive Modelling on Mortgage Backed Securities

CERTIFICATIONS

- Samsung innovation program in AI
- Data science: Machine learning HARVARDX
- Business intelligence and analytics–Digi-skills
- Decoding data science scholarship
- Cisco - Data analytics essentials
- Udacity - Data analysis fundamentals

ACADEMIC BACKGROUND

- Post graduate program in data science
2021-2022
CAREERERA
- Bachelors of engineering in telecommunications
2014-2018
NED university of engineering and technology
CGPA: 3.7/4.0