

Said Tallouk

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Summary:

Highly skilled Data Scientist with 5+ years of experience in leveraging data analytics and machine learning techniques to solve complex business problems. Proficient in programming languages such as Python, R, and SQL, with expertise in data manipulation, statistical analysis, and predictive modeling. Strong communication and collaboration abilities, with a proven track record of delivering actionable insights to drive strategic decision-making.

Education:

Master of Science in Data Science, [University Name], [Year of Graduation]

Bachelor of Science in Computer Science, [University Name], [Year of Graduation]

Skills:

Programming Languages: Python, R, SQL, Java, C/C++

Data Analysis and Visualization: Pandas, NumPy, Matplotlib, Seaborn, Plotly, ggplot2, Tableau

Machine Learning: Scikit-learn, TensorFlow, PyTorch, Keras, XGBoost, LightGBM, SVM, Decision Trees, Random Forests, Gradient Boosting Machines, Neural Networks

Statistical Analysis: Hypothesis Testing, Regression Analysis, Time Series Analysis, Bayesian Statistics, Probabilistic Programming

Big Data Technologies: Hadoop, Spark, Hive, MapReduce, HDFS, Apache Kafka

Data Preprocessing: Feature Engineering, Data Scaling, Imputation, Dimensionality Reduction

Natural Language Processing: NLTK, SpaCy, Gensim, Word2Vec, BERT, Named Entity Recognition, Sentiment Analysis

Data Engineering: ETL Processes, Data Warehousing, Data Pipeline Development, SQL Server, MySQL, PostgreSQL

Cloud Computing: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Docker, Kubernetes

Version Control: Git, GitHub, GitLab

Web Scraping: BeautifulSoup, Scrapy, Selenium

Mathematics: Linear Algebra, Calculus, Probability Theory, Optimization Techniques

Industry Knowledge: Finance, Healthcare, E-commerce, Marketing Analytics

Regulatory Compliance: GDPR, HIPAA

Experience:

Data Scientist

[Company Name], [Location] | [Dates]

Led the development of machine learning models to optimize customer segmentation and increase revenue by 15%.

Implemented predictive maintenance algorithms reducing downtime by 20%.

Conducted A/B testing to evaluate the effectiveness of marketing campaigns, resulting in a 25% increase in click-through rates.

Data Analyst

[Company Name], [Location] | [Dates]

Analyzed sales data to identify trends and opportunities for process improvement, resulting in a 10% increase in sales.

Developed dashboards and reports to monitor key performance indicators and track business metrics.

Collaborated with cross-functional teams to streamline data collection processes and improve data quality.

Projects:

Predictive Maintenance System for Manufacturing Industry: Developed a machine learning model to predict equipment failures and schedule proactive maintenance, reducing downtime and maintenance costs.

Customer Churn Prediction for Telecom Company: Built a churn prediction model using logistic regression and random forests, identifying at-risk customers and implementing targeted retention strategies.

Sentiment Analysis of Customer Reviews: Conducted sentiment analysis on customer reviews using natural language processing techniques to understand customer feedback and improve product offerings.

Certifications:

Certified Data Scientist (CDS)

AWS Certified Solutions Architect - Associate

Languages:

English (Native)

French (Proficient)

Spanish (Intermediate)

References:

Available upon request.