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# **John Doe**

## Data Analyst / Data Scientist

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**SUMMARY**

Example 1

Ex-Banking officer transitioning into a Data Scientist role after completing Hacktiv8 Data Science Bootcamp. Over three years of experience in the financial industry in a customer-facing role providing unique financial recommendations. Core skills include providing actionable insights from modeling and statistical analysis.

Example 2

Entry-level Data Scientist with experience in building machine learning models. Proven ability to implement and test algorithms using SQL and Python. Having previous knowledge of industrial engineering helps me generate strategic insight from data models.

**EDUCATION**

**Hacktiv8 Bootcamp** **Jakarta, Indonesia**

*Data Science Program. Score: 90% (*[*Transcript*](http://drive.google.com)*) 08/2022 - 12/2022*

**XYZ University** **Jakarta, Indonesia**

*Bachelor of Accounting (GPA 3.79/4.00) 2013 – 2018*

**WORK EXPERIENCE**

**Bank XYZ Jakarta, Indonesia**

*Banking Officer October 2020 – January 2022*

* Handling 25+ Bank XYZ’s priority customers to assess their financial situations and needs
* Generating financial recommendations for Bank XYZ priority customers based on the initial assessments

**Bank ABC Jakarta, Indonesia**

*Finance Intern January 2020 – March 2020*

* Assist in the maintenance and organization of financial data, ensuring all records are up-to-date and accurate. Tools: Spreadsheet and Ms. Excel
* Assist in conducting financial analyses, including profitability assessments, cost-benefit analyses, and financial modeling.

**SKILLS**

**General Skills:** Exploratory Data Analysis, Time Series Analysis, Machine Learning, Cloud ETL. **Programming Language**: Python, SQL.

**Visualization Tools**: Tableau, Looker Studio, Kibana, AWS Quicksight.

**Libraries / Framework**: TensorFlow, Scikit-learn, Streamlit, Pandas, Numpy, Matplotlib, Seaborn, Scipy, Feature-Engine.

**Tools:** Docker, Apache Airflow, PostgreSQL, ElasticSearch, Apache Kafka, Apache Hadoop.

**Techniques:** NLP, Computer Vision, Time Series Analysis, Forecasting, Kimball Data Modeling.

**Modeling Algorithms:** Regression, Random Forest, Decision Trees, Neural Networks, Clustering, and Dimensionality Reduction.

**Others**: Amazon Web Services (Amazon S3, AWS Lambda, AWS Glue, Amazon Kinesis, Amazon MWAA, Amazon Athena), Google BigQuery, Hugging Face.

**PROJECTS**

[**Project Name**](http://github.com)[[Deploy]](http://huggingface.com)*May 2022*

Project Description: (Goal of the project, demonstrate what you did (include mentioning modeling techniques, data sources, etc), and quantitative result)

*Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, TensorFlow, Keras, Streamlit.*

[**Telecommunication Company Customer Churn Prediction**](https://github.com/)*April 2022*

Developed a machine learning project utilizing Artificial Neural Networks to forecast customer churn for a

telecommunications company, based on historical customer data, and achieved a 92% accuracy score

*Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, SciPy, Scikit-Learn, Feature-Engine, TensorFlow, Keras, Streamlit.*

[**Bike Shop Sales Evaluation**](https://github.com/)*April 2022*

Data analysis and visualization project to evaluate sales performance for a bike shop using business data and creating a dashboard for stakeholders to monitor sales trends on 6 branches.

*Technology / Tools: Tableau, Python, Pandas, Numpy, Seaborn, Matplotlib, SciPy.*

[**Time Series Analysis and Forecasting on Kalbe Product Sales**](https://github.com/)*April 2022*

Developed a forecasting model to make accurate sales predictions for the upcoming 14-day period, exhibiting

minimal error rates below 5%.

*Technology / Tools: Tableau, Python, Pandas, Numpy, Seaborn, Matplotlib, Scikit-Learn, Statsmodels.*

**CERTIFICATIONS**

**Boston Consulting Group**

Data Science & Analytics Virtual Experience Program *Issued on January 2023*

*Certificate:* [*ID-84c4960-ff2b-43f5-b6e9-a7e8e07f3a74*](http://theforage.com) *No expiration date*

**Accenture**

Data Analytics & Visualization Virtual Experience Program *Issued on January 2023*

*Certificate:* [*ID-84c4960-ff2b-43f5-b6e9-a7e8e07f3a74*](http://theforage.com) *No expiration date*

**HackerRank**

Python (Basic) *Issued on December 2022*

*Certificate:* [*ID-84c4960-ff2b-43f5-b6e9-a7e8e07f3a74*](http://hackerrank.com) *No expiration date*

**HackerRank**

SQL (Advanced) *Issued on December 2022*

*Certificate:* [*D-84c4960-ff2b-43f5-b6e9-a7e8e07f3a74*](http://hackerrank.com) *No expiration date*

**FAQ**

**Career Notes**

**Summary Profile**

* For a career switcher: Highlight key skills, experiences, and accomplishments that are relevant to the new career path you are pursuing.
* For fresh graduates: Focus on highlighting your education, relevant skills, and additional relevant experience is a plus!

**Education**

Latest to earliest

Q**:** What if I have an unfinished formal education?

A: put (unfinished) after your major. *Ex: Business Management (Unfinished)*

Q: I'm still in college, should I write the expected graduation year?

A: No, just write until Present. *Ex: 2020-Present*

**Work Experience**

Q: Is a mandatory internship from the university also included in work experience?

A: Yup!

Q: I don’t have any experience, what should I write?

A: You could explain your organizational experience or event-related experience during your study

**Projects**

**Recommendation on projects (sorted)**

1. Final Projects
2. P2M1
3. P2G7
4. P1M2
5. P0M1

Projects references and outline:

**Image Classification of Coca-Cola and Pepsi** | [Github](https://github.com/)

Developed a computer vision project utilizing machine learning algorithms to accurately classify images as either Coca-Cola or Pepsi with a 98% accuracy score.

Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, TensorFlow, Keras, Streamlit

Project title should be descriptive, direct, accurate, appropriate, interesting, concise, precise, unique, and should not be misleading, eg: *Preferensi dan Perilaku Konsumsi Makanan di Area Urban di Indonesia, Customers Churn Prediction using Decision Tree*.

Project description should be descriptive, contain relevant information, and **end result**.

**References on skills**

* Hands-on experience in machine learning and statistical modeling algorithms: Regression, Random Forest, Decision Trees, Neural Networks, Clustering, and Dimensionality Reduction
* Understanding of statistics and probability theory for data modeling and analysis
* Ability to identify and analyze trends and patterns in complex datasets
* Experience with data cleaning, processing, and transformation techniques
* Experience with deep learning frameworks such as TensorFlow and Keras
* Knowledge of natural language processing (NLP) and computer vision (CV) techniques and tools
* Experience with version control tools such as Git for code management and collaboration
* Proficiency in cloud-based data warehousing and analytics platforms such as Google BigQuery
* Knowledge of feature engineering techniques for building predictive models
* Familiarity with time-series analysis and forecasting techniques
* Ability to create and deploy predictive models
* Understanding of A/B testing and experimental design for measuring the impact of business interventions
* Experience with data-driven decision making and hypothesis testing
* Ability to effectively communicate complex data insights to technical and non-technical stakeholders
* Proficiency in hypothesis testing using statistical methods such as t-tests, ANOVA, and chi-square tests
* Knowledge of anomaly detection techniques such as clustering, density estimation, and PCA
* Familiarity with recommendation systems using collaborative filtering, content-based filtering, and hybrid approaches
* Familiarity with cloud-based data platforms and services such as AWS
* Proficiency in cloud-based analytics services such as AWS Glue
* Ability to design and implement data pipelines for data ingestion, processing, and storage
* Familiarity with cloud-based data storage and processing using AWS S3, EMR, and Lambda
* Experience with cloud-based data warehousing and analytics platforms such as Athena and Google BigQuery
* Familiarity with data warehousing concepts and technologies: SQL, ETL/ELT processes, data modeling, and schema design
* Experience with data pipeline development and orchestration tools such as Apache Airflow
* Knowledge of data streaming platforms and frameworks such as Apache Kafka and Amazon Kinesis
* Expertise in data lake architecture and implementation using technologies like AWS S3
* Experience with serverless data processing using technologies like AWS Lambda