

P H I L I P T I M O T H E

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Data Engineer | Software Engineer | Analyst with 8+ years of experience spanning data analytics, software development, and business operations across supply chain and hospitality. Skilled in building scalable data solutions, optimizing workflows, and leveraging insights to drive efficiency and growth—including improving production by 1.2%+ and contributing to a 5% annual revenue increase. Passionate about data-driven storytelling, visualization, and technology that enhances user experiences. Outside of work, I explore Muay Thai, cinematic storytelling, and the art of food & wine.

P R O J E C T S

Data Science Salary Prediction

[Project Portfolio Link](https://github.com/PhilipTimothe/Machine-Learning-Project-I) | <https://github.com/PhilipTimothe/Machine-Learning-Project-I>

[Live Demo](https://machine-learning-project-i-ewi57ecwky.streamlit.app/) | <https://machine-learning-project-i-ewi57ecwky.streamlit.app/>

- Analyzed salary trends and career prospects using Kaggle's dataset, providing data-driven insights for aspiring data science professionals.
- Led end-to-end data analysis, including data collection, preprocessing, feature engineering, and model development, optimizing prediction accuracy.
- Built interactive visualizations in Streamlit to make insights accessible and actionable for a broad audience.
- Applied machine learning models with Scikit-learn, evaluating performance and refining features to improve prediction accuracy.

Credit Default

[Project Portfolio Link](https://github.com/PhilipTimothe/Loan-Default-Risk-Analysis) | <https://github.com/PhilipTimothe/Loan-Default-Risk-Analysis>

- Developed a predictive model to assess loan default risk, leveraging Python (Pandas, Scikit-learn, Matplotlib, Seaborn) to analyze large datasets and extract key insights.
- Applied statistical analysis and machine learning techniques to identify influential risk factors, optimizing loan approval strategies.
- Structured a clear and well-documented workflow, improving data accessibility and interpretability for stakeholders.

W O R K E X P E R I E N C E

WhiteCoatLab | <http://www.whitecoatlab.co/>

01/2023 - Present

Content Producer | Content Designer

- Developed data-driven content strategies, leveraging analytics to optimize engagement and improve brand positioning for industry-leading partners.
- Designed and executed content initiatives, integrating storytelling, visual media, and digital marketing insights to elevate brand storytelling narratives.
- Established and managed partnerships with Glowbar, Darby Construction Group, and Musical Artists, being instrumental in driving growth in brand visibility and revenue.

Splash (SplashThat.com)

New York, New York • 11/2021 - 02/2022

Software Engineer Apprentice

- Collaborated cross-functionally with product teams and stakeholders to streamline workflows and improve system efficiency.
- Refined onboarding processes and deployment documentation, reducing operational bottlenecks and improving new hire ramp-up time by 10%.
- Involved in the analysis of user interaction data, leveraging insights to enhance UI/UX and improve engagement metrics.

Client Sales Associate

- Cultivated and maintained strong client relationships, contributing to a 5% year-over-year revenue increase through personalized service and engagement.
- Streamlined service workflows, improving efficiency and enhancing the overall client experience, leading to a 20% increase in customer satisfaction scores.
- Supported sales strategies by coordinating with cross-functional teams, optimizing service delivery, and ensuring seamless client interactions.

Administrative Coordinator | Product Allocation Specialist

- Increased production efficiency by 1.2%, raising individual output from 2,000 to 2,800+ items per employee, leading to measurable cost savings.
- Optimized workflow processes, reducing task completion time by 60-120 minutes per 12-hour shift, improving productivity and resource utilization.
- Coordinated with cross-functional teams to implement operational improvements, supporting scalability while maintaining quality standards.

S K I L L S

Data & Business Intelligence

- Data Engineering
- Data Science
- Business Intelligence
- SQL
- Tableau
- Exploratory Data Analysis (EDA)
- Regression Analysis
- Statistics
- Financial Analysis
- Modeling
- Microsoft Excel
- PowerPoint

Programming & Development

- Python (Pandas, NumPy, SciPy)
- Machine Learning
- JavaScript
- React.js
- HTML & CSS
- Front-end Development
- Software Development
- Git & BitBucket
- AWS
- PowerPoint
- Project Management
- Python (Programming Language)

Tools & Project Management

- Jira & Confluence
- Trello
- Atlassian
- Jupyter Lab
- Search Engine Optimization (SEO)
- Adobe Suite
- Blockchain

Soft Skills

- Communication
- Project Management

C E R T I F I C A T I O N S

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|--|-------------------|
| Google Advanced Data Analytics Google | 02/2025 - Present |
| SQL for Data Science University of California, Davis | 02/2025 - Present |
| The Modern Python 3 Udemy | 06/2021 - Present |

E D U C A T I O N

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|---|-------------------|
| Certificate in FinTech Data Science Blockchain Columbia Engineering | 03/2023 - 09/2023 |
| Certificate in Full Stack Software Engineering Flatiron School | 01/2020 - 01/2021 |
| Bachelor of Science (B.S.) in Financial Management Franklin University | 01/2011 - 01/2016 |