

# Nagham Titi

## Data Analyst & Data Engineer

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I am a Data Analyst and Engineer skilled in Python for data analysis, cleaning, and machine learning. Throughout my academic and project work, I have managed large datasets, designed data pipelines, and delivered actionable insights. I have completed several projects demonstrating strong problem-solving skills and meticulous attention to detail. With proven teamwork and time management abilities, I consistently deliver projects on or ahead of schedule while building scalable data solutions.

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## EDUCATION

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### The Hashemite University

2022 - 2026

Bachelor's degree – Data Science and Artificial Intelligence

GPA: 3.63 / 4.00

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## Professional Experience

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### Volunteer Team Member – Aïdea Team

Prince Al-Hussein Bin Abdallah II Faculty of Information Technology, The Hashemite University

- Collaborated with the Idea Team at the faculty to support innovative projects and initiatives within the university.
  - Participated in brainstorming sessions and contributed ideas to enhance student engagement and academic activities.
  - Developed teamwork and communication skills through close collaboration with peers.
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## PROGRAMMING KNOWLEDGE

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### Python Related Skills

- Data Analysis: Proficient with Pandas and NumPy for efficient data manipulation and analysis.
- Data Visualization: Experienced in using Matplotlib to create clear and informative charts and graphs.
- Machine Learning: Skilled in Scikit-learn, TensorFlow, and Keras for building and deploying predictive models.
- Tools: Comfortable working with Jupyter Notebooks and Google Colab for interactive coding and collaboration.
- Statistical Analysis: Knowledgeable in regression, clustering, and classification techniques to derive insights from data.

### Other Skills

- Programming Languages: SQL for database querying and Java for object-oriented programming basics.

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## INTERPERSONAL SKILLS

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- Problem-solving mindset
- Critical thinking
- Attention to detail
- Creativity

- Adaptability and flexibility
  - Team collaboration
  - Time management
  - Resilience
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## MY PROJECT

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- [IMDB-Movie-Data-ETL](#) , Extracted and processed IMDB top 250 movie data; loaded into MySQL; performed SQL analysis using Python.
- [Machine-Learning-Project](#) , Machine learning model development, data preprocessing, feature engineering, model training and evaluation, Python, Scikit-learn, data visualization, predictive analytics.
- [Machine-Learning-regression](#) , Performed data preprocessing, exploratory data analysis, and regression modeling using Python (Pandas, NumPy, Scikit-learn) to predict emission trends and visualize results.
- [Heart Failure Data](#) , Analyze heart failure data to identify key influencing factors using statistical methods.
- [Customer Behavior Data](#) , Analyzed complex datasets to extract insights using Python and statistical techniques.
- [Image-Processing](#) , Image processing project using Python for enhancement, filtering.
- [YouTube-Data-Analysis](#) , Analyzed channel data using Python to extract insights on audience engagement, content reach, and growth trends with data visualization and feature engineering.