

# Musab Sulaiman Alabdullatif

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## Profile

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Interested in data and Artificial Intelligence, focusing on turning data into useful insights. Skilled in using tools like Python, SQL, and visualization to analyze and solve problems. Motivated to apply new technologies and contribute to meaningful, data-driven solutions.

## Education

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### Bachelor of Science in Computer Science

King Saud University

2021 – present  
Riyadh, Saudi Arabia

## Projects

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### Movie Recommendation System

Built a content-based movie recommendation system using Python, focusing on enhancing user experience and improving recommendation accuracy. Conducted exploratory data analysis on a dataset of movies, analyzing features such as budget, genres, and ratings. Successfully improved recommendation relevance through refined algorithms and data-driven insights. Learned advanced data preprocessing, collaborative filtering techniques, and machine learning application in personalized systems.

### Murabi - Livestock Management System

Designed and developed a comprehensive digital platform for managing livestock, replacing manual record-keeping with a centralized system for health, breeding, and financial data. The system enhanced data accuracy, streamlined operations, and introduced real-time monitoring with automated task reminders. Gained experience in database management, system design, and problem-solving.

## Skills

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- Programming Languages: Python, SQL, Java
- Data Analysis & Visualization: pandas, NumPy, matplotlib, seaborn, Power BI
- Databases: MySQL, PostgreSQL
- Machine Learning & AI: sci-kit-learn

## Certificates

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- Data Analyst Nanodegree [🔗](#)
- Introduction to Data Science in Python [🔗](#)
- Data Collection and Processing with Python [🔗](#)
- Calculus for Machine Learning and Data Science [🔗](#)

## Languages

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Arabic

English