Ali Mohamed Sayed Ahmed

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SUMMARY

A Student at Faculty of Computers and Data science – Alexandria University with CGPA 3.752/4.0 Looking for a challenging role as a Trainee in reputable organization to utilize my Soft skills and Technical skills for the growth of the organization as well as to enhance my soft skills, knowledge and experiences.

EDUCATION

Alexandria University   Alexandria , Egypt
B.SC Computing and data science   *2021 – Present*
- GPA: 3.75/4.0

EXPERIENCE

Data Analysis: Skills for the Freelance Professional (120 Hours)   Sep 2024 - Nov 2024
National Telecommunication Institute (NTI)-Internship   *Onsite*
- Data Analytics Process & Data Collection and Management
- Database Fundamentals and Design using SQL
- Data Warehouses & Data Lakes
- Excel for Data Analysis & Data Visualization Basics
- Effective Data Storytelling
- Power BI and Tableau for Business Insights
- Python for Data Wrangling and Visualization

Machine Learning Intern   Apr 2024 - May 2024
TEKNOSOFT -Internship   *Remote*
- Advanced Home Prediction
- SMS Classification with GUI Deployment
- Handwritten Digits Classification

Internal deep learning Using SAS Viya (60 Hours)   July 2023 – Aug 2023
SAS - Internship   *Onsite*
- Apply the analytical life cycle to business need
- Prepare and explore data for analytical model development
- Create and select features for predictive modeling
- Develop a series of supervised learning models based on different techniques.
- Comparing models within a pipeline or across pipelines.
- Evaluate, select the best model based on business needs & Deploy analytical models under production.

PROJECTS

Dubizzle-Real-Estat-Data analysis project | *Python, MySQL, Power Bi, Excel, Tableau*   Nov 2024
- Collecting data using web scraping Dubizzle property listings for comprehensive real estate data across Egypt.
- Cleaning and transforming data, reducing duplicates from 982,623 to 361,205 rows (63% reductions) for optimized analysis.
- Implemented a star schema model using MySQL to organize insights
- Key Insights:
  * Identified average property price of 7.04M EGP and size of 164.65 sqm, focusing on premium properties.
  * The majority of properties (71.11%) are unfurnished, suggesting a trend toward unfurnished listings, possibly appealing to buyers or renters who prefer customizable interiors
  * (35.56%) already finished. This variety provides flexibility to buyers interested in different stages of construction.

House Price Prediction Project | *Python* — Apr 2024
- Delivered a scalable solution for estimating house prices, aiding real estate investors in better financial planning.
- Built a machine learning model utilizing advanced regression algorithms like Gradient Boosting and Linear Regression to predict house prices.
- Achieved an R^2 score of 88.54 on the test dataset, ensuring high prediction accuracy.

Anime Recommendation System | *Python* — May 2022
- Developed an Anime Recommendation System leveraging collaborative filtering techniques to deliver personalized suggestions based on user preferences and historical ratings.
- Enhanced data insights by visualizing prevalent genres with word clouds, aiding in audience understanding.
- Enhanced content discoverability by delivering 20 personalized anime recommendations per user query.
- Achieved high accuracy by implementing KNN & SVD, achieving Mean Squared Errors of 0.0696 and 0.0646, respectively.

CERTIFICATES

Certificate of Achievement in Power BI 365 Data science
Certificate of IBM Databases and SQL for Data Science with Python
Certificate of IBM Python for Data Science, AI & Development
Certificate of SAS Viya Deep Learning (60 Hours)
Certificate of TEKNOSOFT Internship
Certificate of ITI Summer Training IOT (60 Hours)

SKILLS

Technical Skills

- **Languages:** Python, R, SAS Programming, Java, SQL
- **Developer Tools:** Anaconda, VS Code, Power BI, Tableau, Excel, RStudio, MySQL Workbench, XAMPP Apache, Firebase, GitHub Desktop, Docker, Visual Studio, Apache NetBeans
- **Libraries:** pandas, NumPy, Matplotlib, Scikit-learn, Seaborn, Plotly, Beautiful Soup, various Machine Learning libraries

Soft Skills

- **Communication:** Clear and effective written and verbal communication
- **Problem-Solving:** Analytical thinking and creative solutions
- **Teamwork:** Collaboration in diverse teams with leadership abilities
- **Time Management:** Efficient handling of tasks and meeting deadlines
- **Adaptability:** Learning and adjusting quickly in dynamic environments

Languages

- **Arabic:** Native
- **English:** Very Good