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David Keya

EDUCATION

GENERAL ASSEMBLY, Los Angeles CA
Certificate Data Science and Analytics, April 2018

- Relevant Coursework: Knowledge Technologies, Exploratory Data Analysis using programmatic tools, Command line, Python and Pandas, SQL, Basic Machine Learning models to predict patterns from data sets, Data visualization in Python.

KENYATTA UNIVERSITY, Nairobi (Kenya)
Bachelor of Education Science Mathematics and Physics, December 2008

- Relevant Coursework: Statistics, Multivariable Calculus, Algebra, System Analysis and Design, Quantum Physics, Data Structures and Algorithms

ONLINE CERTIFICATIONS

- Statistics Specialization with Python (Probability, Inferential Statistics), Khan Academy, Coursera
- Data Science Bootcamp with Python, Udemy
- Microsoft Excel – Data Analysis with Excel Pivot Tables, Udemy
- Introduction to Advanced SQL, Kaggle Learn

SKILLS

- **Programming**: Python, Git and Version Control, SQL
- **Database Systems**: SQL,
- **Frameworks**: Pandas, Microsoft Excel, Git, Numpy
- **IDEs**: iPython Notebooks, Jupyter Notebooks, Atom

- Data Visualization
- Data Cleaning and Manipulation
- Inventory and Logistical data analysis
- Customer service

PROJECTS

- **Sales Analysis**: A Python Pandas and Matplotlib project to analyze and answer business questions about 12 months' worth of sales data.
    - Conducted data cleaning and exploration of five high level business questions related to the data.
    - Generated insights from the sales data that enabled forecasting future performance with over 87% accuracy.
- **Data Cleaning and Handling Missing Values**: Possible ways of preparing a dataset for exploratory data analysis comprising of two key areas:
    - Taking a look at 356,758 rows and 100 columns of NFL dataset to explore about 24% omitted data.
    - Dropping and Imputation of values, 43% of columns with NAN values and the impact on analysis.
- **Covid-19 Exploratory Data Analysis**: Data Analysis project exploring how the COVID-19 pandemic is spreading.
    - Basic statistics on the coronavirus pandemic for 195 countries in the world.
    - Visualizations generated that showcase global comparative perspective in terms of Death rate, Testing, Confirmed cases and Government responses.

EXPERIENCE

ALAMITOS ENTERPRISES LLC, Long Beach, CA
Assistant Service Advisor, November 2019 – Present

- Accurately capture an average of 40 customers' product needs and provide updates throughout the entire service process.
- Using knowledge of products and services to sell or furnish in-depth information about available parts and over 20 service options to customers.

DENSO, Long Beach, CA
Junior Inventory Analyst, Jan 2018 – Nov 2019

- Maintained and updated inventory records
- Processed data using MS Excel and/or warehouse management system to manage inventory.
- Data entry, data monitoring and auditing.