

# Mohammed Ahmed

Data Scientist

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Data Scientist familiar with gathering, cleaning, organizing, and modeling data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic and other analytical techniques. I have been trained at University of Kansas's Data Analytics and Visualization Bootcamp, a 6 months hands on Training certificate, I work good with Teams and learning a new things everyday is my habit.

## Skills

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Python

JavaScript

Data Visualization

Machine learning

## Work History

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**2017-08 - Current**

### Automotive Technician

*Auto Truck Group, Kansas City, MO*

- Reduced Projects Time by Half, while maintained the Quality at the same level.
- Kept learning and developed ways to do things differently.

**2011-01 - 2015-06**

### Agriculture Extension Agent

*Ministry Of Agriculture, Khartoum, Khartoum, Sudan*

- Conducted over 100 Training Programs to Farmers and local Entrepreneur on Good Agricultural Practices and sustainability.
- Directed 5 different teams working on Agricultural Census, by Designing questionnaires, implementing surveys and analyzing the data.

**2008-01 - 2011-01**

### Research Analyst

*Rainbow For Peace And Development Organization, Nyala, South Darfur State, Sudan*

- Developed macros, special formulas and other actions to produce reliable and consistent statistical reviews.

## Education

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2020-01 - 2020-07	<b>Continuous Education: Data Analytics Bootcamp</b> <i>University of Kansas - Overland Park, KS</i>
2013-01 - Current	<b>Master of Science: Development And Planning</b> <i>University of Khartoum - Khartoum, Suadn</i>
2002-11 - 2007-11	<b>Bachelor of Science: Agricultural Communications (Extension)</b> <i>Sudan University of Science And Technology - Khartoum Sudan</i>

## Projects

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1- Surfs Up, <https://github.com/momado350/Surfs-Up->

The Goal of this Project was to analyze climate data that help people plan for Vacation to Hawaii. it provides APIs and a solid analysis of Precipitation, Station, Temperature and Daily Rainfall Average.

Languages and tools:

Jupyter Notebook, Python, and Flask.

2- Belly Button Biodiversity, [https://github.com/momado350/plotly\\_viz](https://github.com/momado350/plotly_viz)

This Project focus on Charting using D3 Library, It is a Dashboard that Interactively display individual's demographic information, Bacteria Culture found and Washing Frequency .

Languages and tools: Javascript, html and plotly.

3- CorrelationViz with D3 , <https://github.com/momado350/D3-challenge>

this project analyzes the current trends shaping people's lives, as well as creating charts, graphs, and interactive elements to help users understand the findings.

Languages and tools: Javascript, D3, html and CSS.

4 - Mission to Mars, [https://github.com/momado350/web-scraping-challenge/tree/master/mssion\\_to\\_mars](https://github.com/momado350/web-scraping-challenge/tree/master/mssion_to_mars)

I built a web application that scrapes various websites for data related to the Mission to Mars and displays the information in a single HTML page.

Languages and tools: Python, html, flask app, MongoDB and Css.

5- Covid19 Death Predictor, [https://github.com/momado350/covid\\_19\\_ml\\_project](https://github.com/momado350/covid_19_ml_project)  
, Machine Learnong

this is a team project using Machine learning to model historic datasets on Covid-19 death, to predict a numbers of deaths weekly.

languages and tools: Python, Javascript, CSS, Tableau, flask app and Linear regression.