**Tesfanesh Sebsibe**

Phoenix, AZ, 85015

Phone: +1 301-592-7222 | Email: [Tesfanesh75@gamil.com](mailto:Tesfanesh75@gamil.com)

LinkedIn: Write out Link | GitHub: Write out Link

**Summary**

Multidisciplinary experience in data analytics including validating, mining, and analyzing data from various sources to drive optimization and improvement of company services. Assess the effectiveness and accuracy of new data sources and data gathering techniques. Develop custom data models and algorithms to apply to data sets. Use predictive modeling to increase and optimize outcomes. Develop testing framework and test model quality. Work with different teams to implement models and monitor outcomes. Develop processes and tools to monitor and analyze model performance and data accuracy using Python, R, Microsoft Data tool, Excel and other data science tools.

**Technical Skills**

* **Big Data Tools**: Python (toolkits: Matplotlib, Pandas), R , MongoDB ,Database, Machine-Learning , VBA-Scripting
* **Reporting Tool**: Tableau, MS SQL Reporting Service (SSRS) 2008 /2012/2014
* **Web:** MS Internet Information Server, HTML/CSS/Bootstrap, JAVA (JavaScript), XML
* **SQL Server** : SQL Server (Database Engine), MS SQL Integration Services (SSIS) ,MS SQL Reporting Service (SSRS), MS SQL Server 2016/2014/2012 /2008R2/2008
* **MS Office :** Access, Excel, Word, PowerPoint, Outlook
* **Operating Systems:** MS Windows 2008 and Server 2012 and 2014, Windows 7/10/VISTA

**Projects**

Report and ETL Development

* Designed and developed business reports such as Dashboard, Tabular and Graphical Reports, extracted and loaded data into database and administrated database.
* I was a report developer and also database administrator.
* Tools used include : SQL Server Data Tools (SSRS), SQL Server Database

NLF Game Prediction | [Link to Github](https://github.com/tesfanesh/Final-Project.git) | [Link to Deployed Project](https://github.com/tesfanesh/Final-Project/blob/master/final-project.ipynb)

* Used NFL data to predicts outcome of a game considering different variables through machine learning algorithm
* My role in the project was data validation
* Python –Data Analytics

Bike Crash Project [| Link to Github](https://docs.google.com/presentation/d/1lpiIeLaDXA3TqoqHp-BT0aNiMIwdfjxo9TcpMWgoF-4/edit?ts=5d92b63f#slide=id.p) | Link to Deployed Project

* The purpose of the project is to analyze why Bike Accidents happen
* I was part of a team writing the project code
* Python – Flask, Excel

Health Impact of Fast Food –ETL Project [| Link to Github](https://github.com/tesfanesh/ETL_project) | [Link to Deployed Project](https://github.com/tesfanesh/ETL_project/blob/master/%20ffood%20VS%20obesity%20rate%20.ipynb)

* Project analysis relationship between the impacts of fast food in obesity
* Role in the project is data analysist
* Python - Panda , numpy , mathlab

**Experience**

**Student Data Analysis (Data Analytics Boot Camp)** May 2019 to NOV 2019

**The University of Arizona,** Phoenix, AZ

* Gathered and ingested data into a database for reporting and analytics.
* Used Juniper , Panda , R and Excel functionalities to ingest , validate and cleans industry data to meet reporting as well as company data quality standard
* Present Visual perception of information with charts, diagrams, tables by using different tools such as, Pandas, Matplotlib, Tableau and Jupiter note book.
* Used big data tools such as Python Pandas, Python Matplotlib, HTML/CSS/Bootstrap and SQL Database to analyze, validate, test, create classification, prediction and clustering models and finally interpret the models.

**EDUCATION**

* Bachelor Degree in Accounting
* Certificate in Data Analytics