

## **Bekalu Tadele**

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### **Data Engineer and Analyst**

Dynamic, versatile, and well-qualified Data Engineer and data Analyst with several years of hands-on Data engineering, data analyst, and Research experience. utilizing the latest in cutting-edge technologies like Five Tran, Snowflake, Tableau, Power BI, Looker, SQL, Python, Office 365, Azure, AWS, IBM Cloud and other technologies. Strong ability to contribute to the entire Data Pipeline development process. Ability to manage multiple tasks in a fast-paced environment with competing priorities and quick turnaround deliveries, and exceptional attention to detail.

### **TECHNICAL SKILLS**

- ❖ Programming: Python (NumPy, Pandas, Tensor Flow, Kera's), C#, ASP.Net
- ❖ Database: SQL Server, MS Access, MySQL, BigQuery
- ❖ SharePoint and Other Tools: Tableau, Looker ,Power BI, SharePoint, Git/GitHub, Microsoft Office, Microsoft Active Directory, Project Server, PowerShell, Jupyter Notebook, Visual Studio Code, PyCharm, MS Office 365 and MS Visio.
- ❖ Operating Systems: Windows 10, Windows Server 2012/08 R2, Mac OS and Linux OS.

### **PROFESSIONAL EXPERIENCE**

#### **Data Engineer and Analyst , Excellent Solutions**

**Nov 2020– Present**

- Working on Structured and Unstructured data to store and process on (ETL) Operations.
- Configuring and managing DAG's in Apache airflow for Data streaming and scheduling.
- Data Visualization and Analysis using Tableau Prep Builder, Tableau Desktop and Tableau Server.
- Designing Dashboards and Reports using Looker, Power BI and Tableau Business Data Analysis Intelligent Tools.
- Configuring and Writing SQL queries on snowflake and performing Different Transformation scripts.
- Connecting and Ingestion data from different Sources to different warehouses.
- Connecting data source from azure blob storage to five Tran and snowflake as the designed pipeline.
- Connecting snowflake with python and writing customized python scripts to perform outlier detection on datasets in ETL Operations.
- Research on different business automation tools and suggest based on the needs and criteria of the organizations.

*Environment: Tableau Prep Builder 2021.4, Tableau Desktop 2021.4, Tableau Server 2021.4, Power BI, Looker, AWS, Azure, Snowflake, Five Tran, Apache airflow, MS SQL Server 2016, Visual Studio 2017, Office 365, .Net Framework 4.8/4.6 and Python on different Machine Learning Libraries.*

#### **Haramaya University**

**Sept 2017 – Oct 2020**

#### **Lecturer and Researcher**

- planning teaching, including lectures, seminars/tutorials and learning materials

- meeting students individually to discuss progress
- checking and assessing students' work
- pursuing research
- carrying out administration, such as attending faculty meetings and writing reports
- writing research proposals, papers and other publications
- preparing training manuals for the department to conduct community services and projects.

**Environment:** *Python, Visual Studio 2013, Office 365 Team Foundation Server, Window's server 2008/12/16 R2.*

### **Database Expert**

**June 2016 – Aug 2017**

#### **Addis Ababa Centre of Competency**

- designing database elements, retrieving data for reports, maintaining secure data backup systems, running tests on database systems, and debugging database issues.
- Experienced in working with SQL Server Management Studio.
- Designing and implementing GUI based database using Microsoft Access Database utilized to solve amortizations existing problem.
- Writing and testing different SQL Quieres that handle problems in the organizations.
- Optimize SQL Code as necessary.
- Monitor and maintain database storage resources. Monitor and maintain database maintenance plans for backups, index rebuild/ defragment, and database statistics.

**Environment:** *SQL Server 2016 , MS SQL Server 2008/2012 Visual Studio 2013, Team Foundation Server, Microsoft Access 2010/13/16.*

## **EDUCATION**

**Master of Science, Information Technology,** University of Gondar, Ethiopia, Oct 2020

**Bachelor of Science, Information Technology, June 2015,** Haramaya University, Ethiopia

## **CERTIFICATIONS**

- SQL for Data Science University of California, Davis
- Data Science Orientation offered by course era
- Introduction to Microsoft Azure cloud Services
- Analyzing and Visualization Data in Looker
- Python Programming for Everyone university of Michigan

## **RESEARCH WORKS AND OUTPUTS**

- Ethiopian sign language recognition using computer vision and Deep Learning approach
- Comparison of deep learning algorithms on Amharic news sentiment analysis
- Soil type identification using computer vision and machine learning approach
- Covid-19 diseases detection and Identification using deep learning and histogram of gradient approach

## **REFERENCES**

**Esayas G/Mariyam:** Technical Lead and Data Analyst at Excellerent solutions:

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**Menor Tekebea (PhDc):** Lecturer and Researcher at AAiT Departement of Computer Engineering

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