

# MILLION KAHSAY(M.Sc.)

Data Analyst/Data Scientist

Aurora, CO



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## Professional Summary

Providing data-driven process and data-centered solutions to business and research problems. Well-equipped with the current state of art data analysis tools, a self-starter with strong statistical background and an in-depth knowledge of data, database and database types, statistical research and sampling methodologies, data curation, manipulation and visualization and machine learning.

## Technical Skills

### Data Management

- ✚ Data Extraction, Validation, Loading and Visualization.
- ✚ Data Dashboards and Business Intelligence.
- ✚ Statistical Computing and Quantitative Analysis.
- ✚ Advanced Data Mining, Big Data Queries and Research.
- ✚ Reports, Forecasts and Machine Learning
- ✚ SQL Server Reporting Services (SSRS), BOE, Crystal Reports, RDLC.
- ✚ Familiarity in Web Service Application using REST.

### Computer Science

- ✚ Power user on MS Excel (like Pivot Tables, Macros & VBA Scripting).
- ✚ Databases: MySQL and MongoDB.
- ✚ Sufficiently skilled in using Python libraries like NumPy, Pandas, Matplotlib, API Interactions, Scikit-Learn.
- ✚ Experienced in front end web visualizations using HTML, CSS, Bootstrap, Dashboarding, JavaScript charting with D3.js, and geomapping with Leaflet.js.
- ✚ Business intelligence softwares: SPSS, SAS, R, Tableau.
- ✚ Source Code Version Control: TFS, Git, Visual Source Safe (VSS), Concurrent Versioning System (CVS).
- ✚ Machine Learning and AI.

## Professional Accomplishments

- ✚ Successfully established ALPHA PARATRANSIT LLC from scratch by analyzing trend for non-medical emergency transportation using data obtained from state and local agencies (This company is running and profitable in Denver metro area now).
- ✚ As a Registrar at Colorado Height University, I oversaw the successful migration and data mapping to a new academic software.
- ✚ In my M.Sc. capstone project, I proved a Non-Linear Regression Model(family of Markov Chain Model) performs better when using in forecasting and planning Manpower than Linear Regression Models under minimal assumption.

## Professional Experiences

- ✚ Currently working as a Business Analyst intern at LÍLLÉbaby LLC in Golden, CO. The scope of this internship is to analyze the online presence/visibility of this company as compared to other companies engaged in the same business and to better understand the Amazon website landscape for baby carriers.
- ✚ Registrar at Colorado Height University, Denver, CO.
- ✚ Lecturer at Addis Ababa University Addis Ababa, Ethiopia.
- ✚ Lecturer at Ethiopian Civil Service University, Addis Ababa, Ethiopia.

## Education

- ✚ Attended the University of Denver 24 weeks Data Analytics Bootcamp at University College, Center for Professional Development.
- ✚ Completed 1 year of master's degree program in Information Science @ ITT tech.
- ✚ BSc and MSc Degrees in Applied Statistics from Addis Ababa University, Addis Ababa Ethiopia.