SINTAYEHU GEBRETEKLE

CONTACT

Data Scientist | Clinical SAS Programmer | R Enthusiast

 Philadelphia, Pennsylvania

 [(206) 802-4655](tel:+12068024655)

SAS Certified Base Programmer for SAS 9 and SAS Certified Advanced Programmer for SAS 9 with

10+ years of experience and master’s degree in Biostatistics.

 [santos\_stat@yahoo.com](mailto:santos_stat@yahoo.com)

 [www.myconnect.gsk.com](https://myconnect.gsk.com/sites/modern#)

 [github.com/santos-stat](https://github.com/santos-stat/Data-driven-resume)

 [linkedin.com/sintayehu](https://www.linkedin.com/in/sintayehu-gebretekle-7492a727/)

Experience as a Clinical SAS Programmer in Pharma/CROs and extensively involved in

programming of ADAM Datasets, Tables, Listings and Graphs.

Maintained QC checklist, Data Issue log, Analysis Dataset Specification document, Programming

Plan, QC Plan documents specific for each study.

[](https://github.com/santos-stat/Data-driven-resume/raw/main/resume2.docx) [Download](https://github.com/santos-stat/Data-driven-resume/raw/main/resume2.pdf)PDF

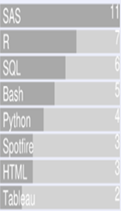
Excellent experience in SAS/BASE, SAS/MACRO, SAS/STAT, SAS/GRAPH, SAS/ODS, SAS/ENTERPRISE

GUIDE and SAS/SQL in Windows and UNIX platforms.

Experience in RStudio in producing Excel, RTF, HTML and PDF formatted files and qc’ing ADAM

datasets using RStudio.

SOFTWARE SKILLS



Experience in handling multiple tasks independently in a dynamic and good experience working

in a team comprised of various professions.

 PROFESSIONAL EXPERIENCE

Principal Statistical Programmer

GlaxoSmithKline Inc.

Present

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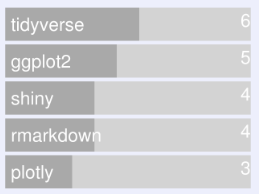
 Collegeville, Pennsylvania

2018

• Provide Statistical Programming support using CDISC standards. Primarily working with

SDTM but also involved in macro creation and writing generic programs.

R SKILLS



• Created specifications and program mapping of complex SDTM domains from internal

Clinical Data Management System (CDMS) and client specifications, including the

specification/mapping of custom domains, supplemental qualifier (SUPPQUAL) domains.

• Created SAS programs to generate tables, listings and figures for inclusion in Clinical Study

Reports, annual safety reports as requested.

• Prepared Analysis Datasets (ADaM) based on the standards of Analysis Data Model

Implementation Guide ADaM Implementation Guide.

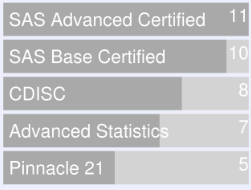
• Perform quality control on analysis datasets and tables, figures and listings programs and

outputs developed by other programmers and Biostatisticians.

• Provide input to statistical analysis plan, table shells, data integration plans and verify all

programs and documentations are archived.

CERTIFICATIONS



• Created annual clinical trial safety reports for adverse events observed during clinical trials

which will be submitted to health authorities. These reports are Development Safety

Update Report (DSUR) and Periodic Benefit-Risk Evaluation Report (PBRER).

• R advocate within the organization, exploring the development of internal R packages

Made [w/](https://github.com/santos-stat/Data-driven-resume) [pagedown](https://github.com/rstudio/pagedown).

Source code: [Github repo](https://github.com/rstudio/pagedown).

Last updated on [2022-04-25.](https://github.com/santos-stat/Data-driven-resume)

Sr.Statistical Programmer

Bristol-Myers Squibb

2018

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2015

 Lawrenceville, New Jersey

• Worked with in the Clinical Pharmacology and Pharmacometrics (CPP) group in the

department of Discovery Medicine and Clinical Pharmacology to ensure all SAS

programming activities are performed according to standard operating procedures.

• Write SAS programs to handle ADAM datasets both for safety and efficacy domains for

Oncology trials, and programming to pool analysis datasets across multiple clinical

datasets.

• Experience in the development of ADAM datasets and dataset specifications in line with

sponsor standards and CDISC implementation guides for ADAM and SDTM.

• Worked with PRA Health Sciences (CRO) team to identify appropriate source data

databases, and to extract and process this data to create analysis data sets, Safety Tables,

Safety listings, and Plasma Concentration Graphs for clinical study team and Biostatistical

review team.

• Design and maintain SAS macros for the preparation and validation of NONMEM datasets

for PK and PK/PD analysis data sets for Pharmacokinetics analysis in generating AUC, Half-

life, Tmax, Cmin, and Cmax.

• Use Spotfire to visualize data for various Oncology trials and visualization of data in order

to explore the clinical data for safety, tolerability and pharmacokinetics.

Sr.SAS Programmer

Social & Scientific Systems, Inc.

2015

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2014

 Silver spring, Maryland

• Experience in manipulating large and complex CMS data by applying data extraction and

data management techniques using SAS Enterprise Guide, identifying trends and patterns

in data, and applying relevant analytical methods to evaluate and solve client problems.

• Process large health care inpatient and Outpatient data for Health Services Cost Review

Commission (HSCRC) in maintaining and updating SAS server dataset for enrollment,

encounters and Fee-For-Service beneficiaries.

• Created tables and graphs to generate study reports for the collected requirement from

the statisticians referring to the Statistical Analysis Plan (SAP).

• Process large health care data files (Medicare/Medicaid claims data) for institutional and

non-institutional data types for the Maryland Health Care Commission (MHCC) project.

• Pool data from the Chronic Data Warehouse to document enrollment and costs associated

with Medicare Fee-For-Service patients and compare growth rate of between Maryland

and nation.

• Provide input to tableau for report visualization to develop and maintains dashboards of

key performance metrics for internal and external customers.

Principal SAS Programmer

GDIT

2014

 Baltimore, Maryland

• Responsible for coordinating the design, development and testing of complex and efficient

SAS programming code related to specified health care programming and analytics.

• Identify critical access hospitals with a surge in hospitals health care cost during certain

period of time; identify hospitals inappropriately claiming cost reimbursement for various

service by pooling the cost reports from CMS database.

• Identify areas where existing data processes may require modification; ability to research

alternatives, formulate changes to the structure, and prepared reports for management

use; analyzed information related to project objectives and make recommendations on the

analysis.

• Integrate SAS datasets to create Excel reports using Dynamic Data Exchange (DDE), using

SAS to analyze data, statistical tables, listings and reports.

• Create Hospital Specific Reports for comparing progress by participating hospitals using

measures such as Patient Safety Index and Health Care Delivery.

• Collaborate with clients, development team and management on a regular basis to verify

and ensure the accuracy of all assigned tasks, including the documentation and validation

of SAS programs.

SAS Data Reporting

Mayo Clinic

2014

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2013

 Rochester, Minnesota

• Produces various routine and ad hoc reports for internal and external clients in evaluating

a wide array of data types, including case review, medical and prescription drug claims,

and eligibility data.

• Work with internal development teams to create algorithms designed to detect members

with Medicare or other Commercial insurance, and to realize cost saving is met for new

and existing clients.

• Worked on large, complex data files such as claims data, health tradition datasets linking

and integrating data from disparate databases, and transforming raw data coming from

complex ASCII files into finished reports using SAS infile, data\_null, and DDE techniques.

• Transformed company’s old software Monarch report creation system into customized SAS

reporting application using advanced features of PROC REPORT’s compute blocks, SAS

templates, stored and compiled SAS autoexec macros.

• Automated the whole task of reporting from data extraction to sending attached e-mails, a

recurring report that would have required hundreds of employee hours to produce over

its lifespan, now takes no time at all.

• Write SAS utility macros that greatly helped the report automation process by reducing

programming effort, increase efficiency and decrease the chances of making mistakes in

manual processes.

• Provides guidance and work leadership to less-experienced programmers, and also

supervisory responsibilities.

SAS Data Analyst/Programmer

CrossUSA

2013

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2012

 Burnsville, Minnesota

• Primary responsibilities include developing SAS ETL required to support and maintain

variety of data extractions, transformations and loads often communicating with end-client

on required specifications on data.

• Developed SAS SQL pass through and SAS libnames to extract data from TERADATA and

create study specific SAS datasets, which will be used as a source for report generation.

• Exposure to handling Terabytes of records pulling data from disparate data sources such

as ORACLE, TERADATA, and ACCESS.

• Experience in SAS programming for auditing data, developing data, performing data

validation, quality check and improve efficiency of SAS programs.

• Managed multiple projects in a fast-paced environment meeting milestones and

deliverable dates with no supervision.

EDUCATION

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MSc in Biostatistics

University Of Hasselt

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Hasselt, Belgium

BSc in Applied Statistics

Addis Ababa University

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Addis Ababa, Ethiopia