**Aishwarya Vedula**

**Senior Data Analyst**

**SUMMARY OF QUALIFICATIONS**



* Results-driven Data Analyst with over 10.5 years of experience in the healthcare, pharmaceutical, and Banking industries.
* Agile and waterfall methodology expertise, including participation in the phases of development, implementation, improvement, and testing.
* Strong experience with product management tools like **Jira, Rally, TFS.**
* Experience in cloud versioning technologies like **GIT, SVN.**
* Extensive experience of SAS programming, including SAS/BASE, SAS/MACRO, SAS/ODS, SAS/SQL, and SAS/STAT macro programming.
* Skilled in using PROC SQL, PROC REPORT, PROC FORMAT, PROC TABULATE, PROC FREQ, PROC MEANS, and PROC UNIVARIATE to produce reports.
* Skilled at producing files in HTML, RTF, and PDF formats using SAS/ODS.
* Excellent programming skills in SQL and understanding of data management principles, such as joining data sets, data aggregation and sub-setting using PROC SQL.
* Vast experience working with **ICD9** and **ICD10** version of codes, **CPT codes**, **Specialty Codes, Diagnosis codes** etc.
* Experience in SAS Programming, using **Base SAS**, **Macro Facility**, **Proc SQL**, **SAS Procedures**, **SAS Functions**, **SAS Formats**, **ODS facility** in data scrubbing, manipulation, and preparation to produce summary datasets and reports.
* Experience in developing Macros and using the company standard or defined macros.
* Outstanding knowledge of Python libraries like Pandas, Numpy and Matplotlib.
* Build interactive dashboards and reports using **Tableau** to visualize **KPIs.**
* Experience in SAS Programming, using **Base SAS**, **Macro Facility**, **Proc SQL**, **SAS Procedures**, **SAS Functions**, **SAS Formats**, **ODS facility** in data scrubbing, manipulation, and preparation to produce summary datasets and reports.
* Extensive experience in working with **HIPAA** compliant data and large volumes of data.
* Proficient in MS Excel, MS Word, MS PowerPoint, and MS Visio.

**TECHNICAL EXPERTISE**

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| Statistical Tools | SAS/BASE, SAS/SQL, SAS/MACRO, SAS/ODS, SAS EG, SAS/STAT |
| Database | DB2, Teradata, MS SQL Server 2008 |
| Operating System | Windows XP, UNIX, Windows 7 |
| Programming Languages | SAS, SQL, COBOL, Python |
| Version control | SVN, GIT |
| Project management tools | Jira, Rally, TFS |
| BI- Tools | Tableau, Power-BI |

**EXPERIENCE IN WORKPLACE**

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SAS Data Analyst | Texas Medicaid | December 2021 – Present

**Responsibilities:**

* Implementing the data quality checks for Membership data, Provider data, Medical Claims and Pharmacy Claims data by using Base SAS and Advanced SAS Techniques
* Creating SAS macros for automation of data quality and other requirements like membership and claims data
* Maintaining and updating Reference tables for all the business requirements.
* Implemented data refreshes on Tableau server for biweekly and monthly increments based on business change to ensure that the views and dashboards were displaying the changed data accurately.
* Worked on SAS programs to extract data from text files, excel files and databases like DB2, SQL server tool and Teradata to SAS system and created SAS datasets. Modified existing datasets using Set, Merge, Sort, Update, Formats, and Functions.
* To clean up the membership demographics related fields like city names, county names, state, and zip codes
* Performed data analysis using healthcare claims, eligibility & enrolment, medical provider, and/ or financial data.
* Programming with SQL and understanding of data management principles, such as joining data sets, data aggregation and sub-setting using Proc SQL
* Involved in developing, testing, and writing programs and reports in SAS according to client specifications.
* Extensive experience and proficiency in using SAS/ODS to create output files in a variety of formats including RTF, HTML and PDF.
* Prepare new Datasets from raw data files using Import Techniques and modified existing datasets using Set, Merge, Sort, and Update, Formats, Functions, and conditional statements.
* Created dynamic healthcare utilization dashboards using claims data and created KPIs utilizing calculated function and quick table function in tableau and DAX in power BI.
* Create Tableau scorecards, dashboards using stack bars, bar graphs, scattered plots, geographical maps, heatmaps, bullet charts, Gantt charts demonstrating key information for decision making.
* Performed data importing, cleansing, analysis, and data profiling using complex SQL queries on various source systems including DB2 and Teradata.

**Environment:**SAS/BASE, SAS/STAT, SAS/MACROS, SAS/ACCESS, SAS/ODS, SQL Server, ETL, DB2, UNIX, Windows, Python, Tableau, TFS

**Data Analyst | Cigna Healthcare | February 2015 - October 2020**

**Responsibilities:**

* Prepared new Datasets from raw data files using Import Techniques and modified existing datasets using Set, Merge, Sort, and Update, Formats, Functions, and conditional statements.
* Wrote PROC SQL queries to extract patient claims data from CMS database and build medical condition specific episodes of care.
* Extracted Medical, Dental and Pharmacy claims data with millions of records into the SAS datasets and performed exploratory data analysis and generated datasets for model building.
* Generate health care provider summary reports by service category, sub-service category and procedure codes to identify inefficient.
* To read external data files using data-step commands such as in-file, filename and Libname statements
* Formatting the data sets read into SAS by using Format statement in the data step as well as Proc Format.
* Managing and carrying out the analysis using Teradata.
* Extracted data such as Eligibility data, Medical Claims data and RX data with millions of records into the SAS and performed basic analysis on columns required into the data warehouse.
* Worked with SQL, Macro and ETL processes, extracted transformed and loaded data, mapped, scheduled, and submitted job to Unix and Oracle environment.
* Worked on ICD9 and ICD10 version of codes, CPT codes, Specialty Codes, Diagnosis codes etc.
* Reporting using **data \_ null\_** and put statements.
* Exporting and importing the data between different platforms such as SAS, MS-Excel.
* Created customized output using SAS/ODS in HTML and RTF format and created multiple ad-hoc reports.
* Performed data analysis using pandas package and visualization using Matplotlib.
* Designed rich graphic visualizations wit drill down and drop-down menu option and parameterized using Tableau.
* Created side by side bars, scatter plots, stacked bars, heat maps, filled maps, symbol maps in tableau.
* Migrated and translated legacy reports into Tableau from HP exstream.

**Environment:** SAS/BASE, SAS/STAT, SAS/MACROS, SAS/ODS, SQL Server, DB2, UNIX, Windows, JIRA, Python

**Programmer Analyst | American Express | September 2011- December 2014**

Responsibilities:

* Created SAS datasets from external files and from IBM-DB2 and extensively worked on Data manipulation, merging and concatenation of SAS datasets and built the reports out of it.
* Responsible for modifying the existing SAS programs to change the functionality according to new business requirements.
* Extensively used SAS/ODS for creating reports in HTML, PDF, RTF, and XML formats.
* Maintaining the existing COBOL programs while debugging the code for any issues, implementing enhancements, and providing the post implementation support for the modified modules.
* Developed batch jobs and monitoring of nightly batch cycle. Scheduled the mainframe batch jobs using CA7 scheduler.
* Performed impact analysis of the modules that are required to be changed as part of the enhancement changes.
* Involved in preparation of test cases, end-end testing, complete unit, and system testing and error logs.

**CERTIFICATIONS**

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* SAS Certified Base Programmer for SAS 9
* Certified in IBM - DB2 10.1 fundamentals.

**EDUCATION **

* Post Graduate Diploma in AI&ML, IIITB, India, 2021
* Bachelors in Biotechnology, Chennai, India, 2011