Ishant Chhabra

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PROFILE SUMMARY

- Dynamic and Result oriented professional with around 3.6 years of experience comprising **Data Modeling, Python Programming, SAS Programming, SAS Macros and SQL** for all aspects like – Analysis design, Testing and Validating datasets, Automating Codes, Reporting data, Data Mining, Data Cleaning, Data Management, Data Acquisition, Data Visualization, Web Scrapping for various enterprise clients.

- Strong command over **SAS**(Base, Advanced and Macros) , **Python Programming** (Python, Numpy, Pandas) , **Machine Learning Algorithms** (Linear and Logistics Regression , Decision Tree(CART), Random Forest), **SQL**.

- Experience in Data Management, Cleaning and Quality assurance, Manipulation, Reporting, Automation using Base and Advanced SAS and Python.

- Involved in writing complex SAS/Python rules or strategies under stipulated time given.
  Experience in producing customized reports for performance optimization. Experience with working in **Pyspark**, **Shell** and **Hive codes.**

- Accountable for delivering the reports and deriving the healthcare data for multiple plan sponsors using Advanced SAS/Python/HQL codes for adhoc requests.

- Good Analytical, Troubleshooting, Communication, Prioritization, Problem solving and Leadership skills with ability to create and sustain high work tempo.

INDUSTRY EXPERIENCE

- Business Analyst – EXL Services, Noida : Jan'20 till Present
  Domain : Health Care and Insurance (U.S)

- Associate Analyst – HCL, Noida : Nov'18 – Jan'20
  Domain : EMIT access Management (U.S)

- Associate Analyst – WIPRO, Noida : Feb'17 – Feb'18
  Domain : Defined Benefits (U.S/ Canada Pension)

PROJECTS

- <u>Algorithm to predict and prevent unnecessary hospitalization</u>

Developed the model based on the member's historical data (Claims, Lab, and Pharmacy Data) to quantify the risk of member being hospitalized. Feature extraction has been done through HIVE and SAS/SQL. Data preprocessing and model development has been done on python. The model has been developed using advanced statistical technique Random Forest Regression on Python.

- Plan sponsor Reporting

My role and responsibility is to deliver the reports and deriving the healthcare data for multiple plan sponsors which involves development of SAS/Python/HQL codes, interacting extensively with end users on requirement gathering, analysis and documentation, and providing reporting solutions to them, analysing the expected and actual results.
Responsible for end to end data implementation and moving the codes to production.
Analyse the report requirements, understanding the data and rewriting it into coding specifications, then validation and testing of code and finally migrating the code into production environment. Classification.

- Web Automation

Process improvement by end to end automation of the data extraction process from web based tool. Also, automated the end to end SAS code (Manual Dates, ODS XLSX Converters, Automated error handling, other manual tasks) and collated python and SAS code to create a single trigger for whole process, thus reducing all manual interventions.

- Descriptive Data Analysis:

1. Automate administration: Clients receive full Retirement process support—including annual enrollment, new hires/rehires and life events— via the online portal or Customer Service; helping in reducing manual errors and possible incorrect payments.

2. Enhance operational health: Utilizing a combination of business knowledge, technical skills, and strategic analysis to provide solutions and creative insights to critical business problems. Working with the Operations team to get the resolution for defects and ageing edits by troubleshooting and solving problems in a timely and accurate manner.

3. Enhance visibility with a comprehensive reporting package: Projections, census information, premiums and more are combined in a single report format to answer all questions about pension plan administration. A full range of integrated communications support, including automated paperless personalized communication statements makes the process simple and easy to understand for our participants.

4. Administering Client's Payroll: Configured SAS Codes to extract the enrollment data of the employees from database and SAS datasets are created for performing further modifications as per client's requirements.

TECHNICAL SKILLS

- Data Modelling, SAS Programming, Python Programming, Machine Learning Algorithms, Linear and Logistic   regression, Decision Tree (CART), Random Forest, Python , Pandas, Numpy, Pyspark Libraries, Machine learning and SAS Macros , SAS SQL
- **Tools**: Anaconda Suite, Jupyter, Spyder, SAS 9.4, SAS Enterprise Guide, Mainframes, Secure FX, Secure CRT, Putty,
- **Software and Technologies:**
  Other Tools : Advanced Excel, MS Excel, MS PowerPoint, MS Word
  Database : ODBC , DB2 , SQL Server
  Platforms : Microsoft Windows , Linux

EDUCATION DETAILS

- B TECH (Information Technology) from Hindu College of Engineering , Sonipat in 2016 with 70%.
- Senior Secondary Education from LASS, Sonipat in 2012 with 70%
- Higher Education from LASS, Sonipat in 2010 with 78%.

PERSONAL DETAILS

Personal Strength: Passionate, Dynamic, Optimistic

Languages Known: English, Hindi