

Personal Profile

I am a detail-oriented and results-driven data analyst having 5+ years of experience in analytical reporting, data analysis and management, and stakeholder engagement within the healthcare insurance sector. Adept at leveraging technical expertise in SQL programming, Power BI, data visualization techniques, Python, and SAS to transform complex data to provide actionable insights and drive decision-making processes. Seeking an opportunity where I can utilize my analytical skills and expertise in data management to drive organizational success.

Technical Skills

- **Microsoft Power BI** (DAX, power query, paginated reports, and interactive dashboards)
- **SQL** (MySQL, PL/SQL)
- **Python** (Pandas, Seaborn, Matplotlib, NumPy, Flask, API)
- **SAS** (Base/SAS, SAS/SQL, SAS/MACROS, proc SQL, JCL, TSO, ISPF, IBM DB2)
- **Excel** (VLOOKUP, Conditional Formatting, Pivot Tables, Pivot charts)
- **Tableau**
- **AWS**
- **Data cleaning, modeling, visualization, analysis, management, and reporting** (across all mentioned tools).

Soft skills

- Effective communicator
- Strong analytical and problem solver
- Fostering Stakeholder management
- Proficient in organizational skills
- Adept in time management
- Collaborative team player
- Attention to detail
- Flexibility and adaptability

Professional Development

- Completed **Power BI Data Analyst course** from Datacamp in February 2024.
- Attained **Python Programming Certificate** through General Assembly, Sydney in December 2023.
- Completed **Graduate Certificate in Data Science** Fundamentals from Latrobe University in November 2023.
- Developed organizational, detail-oriented, and adaptable traits while balancing my family responsibilities.
- **Voluntarily** trained students in various tools RDBMS, Database/SQL, DB2, MS Excel, MS Word, and the basics of Python programming.

Projects

POWER BI ECOMMERCE SALES DASHBOARD – Personal Project – Melbourne, VIC

January 2024

- Developed a dynamic e-commerce sales dashboard using Power BI, aimed at providing actionable insights to drive business growth. Integrated SQL queries were utilized for data extraction and transformation providing real-time visibility into Year-to-Date (YTD) sales insights and trends to the company.
- The dashboard, featuring key components such as a KPI Banner, Year-on-Year growth analysis, and performance metrics across various dimensions, empowered the company to make swift and effective data-driven decisions. **Portfolio link:** <https://umatuteja.github.io/>

SQL DATA CLEANING – Personal Project – Melbourne, VIC

December 2023

- Developed a comprehensive data cleaning process for the Nashville Housing dataset using SQL, aimed at enhancing data quality and usability. Applied SQL queries to standardize date formats, populate missing property addresses and break down address details into individual columns.
- Implemented data accuracy measures, such as transforming fields, converting binary indicators ('Y' and 'N') to 'Yes' and 'No', removing duplicates, and eliminating unused columns.

- Conducted Exploratory Data Analysis (EDA) as part of Python Programming focusing on a grocery sales dataset.
- Leveraged Python libraries such as **Pandas, Matplotlib, and Seaborn** to extract actionable insights from the data, identifying patterns related to regional sales, sales representative performance, and product category trends.
- Employed advanced Python techniques, including **DataFrame** joining and meticulous data cleaning with null value handling strategies, to ensure data integrity and accuracy throughout the analysis process.

TABLEAU DATA SCIENTIST SALARY DASHBOARD – Personal Project – Melbourne, VIC

November 2023

- Developed a dynamic Data Scientist Salary dashboard using Tableau. This dashboard provided comprehensive insights into salaries across various regions, offering valuable information for salary benchmarking and analysis.
- Incorporated data from the Excel file "ds_salaries.csv" to ensure the accuracy and completeness of salary information.

Work Experience

SENIOR SOFTWARE ENGINEER – Magna Infotech Pty Ltd – India, Gurgaon

August 2011 - November 2011

Magna Infotech Ltd. provides information technology services. I was working for the client UnitedHealth Group during my job tenure.

- Translated business requirements into technology specifications, documenting processes for clarity and consistency.
- Processed healthcare complex data from various sources, including claims and patient records, to create variables and develop statistical models, leveraging SQL for data manipulation and analysis.
- Conducted data cleansing and transformation for analytical reporting using SAS applications and SQL complex queries, adhering to HIPAA regulations. Created insightful visualizations using SAS applications (PROC SGPLOT and PROC REPORT) for effective stakeholder communication.
- Fostered collaboration with onshore teams and ensured stakeholder alignment in healthcare data analysis and reporting.
- Developed automated SAS templates for ad hoc requests, increasing productivity by 20% and streamlining processes.

PROJECT LEAD – Syntel Pty Ltd – India, Chennai

August 2010 - February 2011

Syntel Ltd. provides information technology solutions across various industries, including banking, healthcare, manufacturing, retail, telecommunications, and insurance.

- Led a team in implementing Waterfall methodology for SDLC-guided projects, focusing on data management, analytical reporting, and data visualization techniques.
- Conducted exploratory data analysis on large datasets to identify patterns and correlations and presented findings to senior management to support strategic planning and business initiatives.
- Collaborated with stakeholders to define project objectives, facilitating efficient planning and execution and prioritizing data privacy.
- Provided technical support and guidance to team members on analytical reporting data management, and data visualization techniques.
- Developed leadership skills by promoting collaboration within teams and effectively managing projects.

SOFTWARE ENGINEER – UnitedHealth Group – India, Gurgaon

September 2007 - June 2010

UnitedHealth Group is one of the largest American multinational health insurance and services company. The company is ranked 10th on the 2023 Fortune Global 500.

- Conducted data analysis, generated analytical reports, and managed complex healthcare data using SAS and SQL for US healthcare claims, member, and pharmacy data.
- Managed the entire project lifecycle for a national queue request like customer interaction, analysis, development, testing, and delivery of analytical reports using SAS applications.
- Developed, tested, reported, and maintained SAS programs (utilizing SAS, PROC SQL, PROC REPORT, and SAS macros) to meet business requirements and documented guidelines.
- Built strong client relationships through effective communication and collaboration.
- Received Spot award for outstanding performance in the CI CAT project at UHG.
- Completed American Health Insurance Policy online training, obtaining the AHIP certificate, and enhanced proficiency in healthcare industry regulations and standards.

BATCH ANALYST – Aon Hewitt Associates – India, Gurgaon

October 2005 - April 2007

Aon Hewitt is an American multinational company that provides human capital and management consulting services across the globe.

- Utilized SAS tools for analyzing, manipulating, transferring, and managing healthcare data, ensuring accuracy and confidentiality in handling sensitive information.
- Developed SAS programs in a mainframe environment, ensuring data accuracy and integrity.
- Produced detailed reports on healthcare utilization for various states and clients ensuring accuracy and relevance.
- Completed internal SAS and TBA system 3x training, enhancing proficiency in SAS applications and data analysis techniques.
- Recognized for high-quality work in the Benchmark project, receiving positive client feedback.

Education

- **POWER BI DATA ANALYST COURSE FROM** Datacamp February 2024
Major: Power BI functionalities, data cleaning, modeling, visualization, transformation, Power Query, DAX, interactive dashboards, and paginated reports.
- **PYTHON PROGRAMMING CERTIFICATE**– General Assembly (Victoria Govt Digital Jobs Program) December 2023
Major: Python, Pandas, Seaborn, Matplotlib, NumPy, API, Flask.
- **GRADUATE CERTIFICATE IN DATA SCIENCE FUNDAMENTALS** – Latrobe University November 2023
Major: Python programming, Database/SQL/PLSQL, Mathematics, probability, and statistics for data science.
- **BACHELOR OF EDUCATION** – MD University –India July 2019
Major: Primary education
- **POSTGRADUATE CERTIFICATE COURSE IN INFORMATION TECHNOLOGY**– SCDL- India September 2009
Major: Information Technology
- **BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY**– Kurukshetra University- India August 2005
Major: Information Technology

Professional References

Available on request.