



**Narayan Poudel**

**Jersey City, NJ, 07307**

[npoudel431@gmail.com](mailto:npoudel431@gmail.com)

**Phone: -201-616-1147**

## **PROFESSIONAL SUMMARY**

Hardworking professional seeking a challenging position to utilize 5+ years of IT data analytics/data science experiences with Data management, Data visualization, Machine learning, Deep Learning, Data quality, and validation, Data Engineering, Data Cleansing, data wrangling, Data profiling and data integration, Data mapping, Exploratory Data Analysis and reporting, Data Data reconciling, and Data Transformations skills.

## **TECHNICAL SKILLS**

- **SAS Skills:** SAS/BASE, SAS/GRAPH, SAS/MACRO, SAS/SQL, SAS/ODS, SAS/STAT, SAS / ENTERPRISE GUIDE.
- **SQL Skills:** - MSSQL, PROC SQL, MySQL, SQL joins, stored procedure, complex SQL queries, subqueries, RDBMS, SQL Data Definition Language (DDL) SQL Data Manipulation Language (DML), etc.
- **R/R-Studio skills:** Data Cleaning, Data Validation, Quality Control, Automation Data Checking. Statistical Analysis, Data Management, Data Visualizations, Exploratory Data Analysis, Feature Engineering.
- **Machine Learning**, Data Mining, Modeling (such as -Decision Tree, Random Forest, Support Vector Machine (SVM), KNN, Bagging, Regression, Classification Tree, etc.)
- **Business intelligence (BI):** Power BI Desktop, and Tableau.
- **Operating Systems:** Windows, Linux, ACE, No MACHINE, Citrix Systems.
- Web Design with HTML, CSS, Java scripts, and SVG.
- **Databases:** Oracle, Microsoft SQL Server.
- **Other Tools:** MS Office, Stata, R-Shiny, ArcGIS, NoSQL, IQRtool, Mongo DB, Python, Octave, MATLAB, Minitab, Visual Studio, Google Collab.
- Excellent understanding of all phases of the Software Development Life Cycle (SDLC) including models most favorite like Waterfall and Agile Models.
- Proficiency with SAS, R, SQL, Excel, and other statistical software and advanced knowledge of Microsoft Office.

## **CERTIFICATIONS**

- SAS Certified Base Programmer for SAS 9.3.
- SQL Certified Stanford University.
- AWS Cloud Practitioner Essentials (Second Edition).
- Social / Behavioral / Epidemiologic Research Investigators

Issuing authority CITI Program.

## **EXPERIENCE**

**01/22-CURRENT, NEW YORK POWER AUTHORITY (NYPA WPO), White Plains, NY 10601,  
Phone: (914) 681-6200**

### **Data Analyst**

- Research inquiries, validate data patterns, and solve complex business problems. Track data issues and satisfy ad hoc analysis requests in a timely fashion.
- Utilized SAS programming knowledge for producing quarterly reports based on wayside detector data.
- Write SQL/SAS queries to extract data from different sources such as SAP/CRM/AD/HW/Maximo/ Primavera as per business requirements.
- Process, aggregate, and merge historical data sets from varying sources into a single unified dataset
- Collect and document detailed data requirements and the data flows.
- Identify relevant data attributes from internal data sources and document inputs, outputs, and associated source-to-target data mapping.
- Document key processes and workflows around data acquisition, integration, cleansing, and monitoring.
- Developed and implemented data quality control tools and procedures, ensuring identification and resolution of complex operational and systemic issues.
- Investigate and validate data from different sources, checking for completeness & and accuracy as well as analyzing patterns & and trends in data.
- Identify data issues and assist in manual/automated data remediation efforts.
- Creating appropriate documentation that allows stakeholders to understand the steps of the data analysis process and duplicate or replicate the analysis if necessary.

**09/21- 01/22 COMMUNITY HEALTH & AGING OUTCOMES (CHAO) LABORATORY RUTGERS  
UNIVERSITY –New Brunswick.**

### **Research (Data) Analyst.**

Provides data, programming, and analytical support, and manages the day-to-day operation of research projects (working closely with the project manager to develop project workflows and data documentation) for state **Medicaid, Medicare, and other healthcare claim** data based on business requirements.

- Responsible for reviewing and cleaning data, constructing analytic variables, and documenting methods and procedures to facilitate data analysis and replication.
- Applies and interprets appropriate statistical modeling methods, develops and maintains analytic work plans and documentation; and participates in the preparation of results for journal publication.
- Involved in the development and enhancements of SAS Programs.
- Provides high-level analytical, technical, and methodological input to grant applications.
- Optimizing data pipelines for performance, scalability, and reliability, including tuning SQL queries and optimizing data loading processes.

- Extracts subsample from larger administrative and/or survey datasets and merges or concatenates multiple data sets, as needed for further analysis, by project objectives.
- Performs other duties as required in support of the lab's research mission.

01/20 – 02/21 **TEVA PHARMACEUTICAL INDUSTRIES, LTD.** West Chester, PA

### **PMX/PKPD Programmer / Data Analyst**

- Develop pharmacometrics modeling and simulation programs to support drug development programs.
- Provides input in developing pharmacometrics analysis plans, specifications of analysis datasets, and other related documents.
- Perform Statistical Analyses, review programming, and data checking preferably using SAS/R, and SQL.
- Primarily works with other Statistical programmers on ongoing clinical studies.
- Working to develop the automation R script for Data checking, Data cleaning, exploratory data analysis, and Non-Compartmental Analysis, which helps pharmaceutical study and drug development.
- Work closely with pharmacometricians to develop and execute pharmacometrics analysis programs using NONMEM, MONOLIX, Linux, R, and other software tools to support the analysis of PK and PD data.

12/17 – 12/19 **NEW JERSEY CITY UNIVERSITY, Jersey City, NJ**

### **Member of Data Science & Programmer**

- Prepared new Datasets from raw data files using Import techniques.
- Modified existing datasets using Set, Merge, Sort, and Update statements, functions, and conditional statements.
- Good Experience with data cleaning, descriptive analysis, missing data analysis, and coding. Built asset data summary reports using PROC SUMMARY, PROC MEANS, PROC FREQ, and PROC GCHART.
- Creating complex SQL queries and scripts to extract and aggregate data to validate the accuracy of the data.
- Perform Statistical Analyses, review programming, and data checking preferably using MySQL/R.
- Experiences in Data Science Components such as - Machine Learning, Data Mining, Text Mining, Topic Modeling, sentiment analysis, Natural Network, Data Management, etc.

## **EDUCATION**

**NEW JERSEY CITY UNIVERSITY (NJCU)** New Jersey, USA

Bachelor of Arts in Mathematics in 08/18

Master of Science (MS) in Data Science, and Business Analytics in 08/2020