**Naveen**

**Carrier Objective**:

* Motivated, teamwork-oriented, and responsible data scientist and analyst with significant experience in increasing comprehension of reports and presentation by average professional. Willingness and ability to grasp concepts quickly and expand the present knowledge base with ease.

**Professional Summary:**

* Over decades of experience in Data Science and development.
* Master degree with data science, Machine learning and Bigdata course works.
* Proficient in Python, SQL and Data visualizations
* Engaged with clients/customers to gather requirements
* Evaluated patterns and meaningful insights from data through qualitative and quantitative analysis using Machine learning and Statistical algorithms.
* Participated in the full software development life cycle (SDLC) including design, implementation, testing, maintenance, and support.
* Work experience in JIRA, Agile, Microsoft DevOps, Kanban

**Technical Skills:**

* Programming Languages Python, SQL, R, SAS, Shell Scripting, C, C++, MATLAB, HTML, XML, JSON
* Database and ETL tools SQL, SSIS, SSRS, MongoDB, Amazon Redshift (AWS-S3), Data verse, MS Access, Informatica, Azure data factory, Terra data
* Data Libraries and Frameworks Numpy, Pandas, Data frame, Keras, Scikit-Learn, Seaborn, Tensor Flow, MLlib
* Data Science and Bigdata Hadoop, Hive, Apache Spark, Microsoft Azure ML, Tableau, Data bricks, Snowflake
* ML,DL and AI Classification: Random Forest, Naïve Bayes, Logistic Regression, SVM, Nearest neighbour, Decision tree. Regression: Linear Regression. Deep Learning-ANN, CNN. Clustering: K means etc.
* Power platform and Microsoft office Dynamics 365 CRM/ERP, Power Apps, Power BI, Microsoft Word, Power Point, Excel, SharePoint, XRM tool kit, Fetch XML Builder, Level up for Dynamics 365 CRM
* Networking tools Wireshark, VMware
* Operating Systems Windows, Linux
* Other software Anaconda 3.0, Jupiter Note, GitHub, Visual Studio, Docker, Kubernetes, OData, Rest API, Erwin, Lucid Chart

**Education**

* M.S (Electrical and Computer Engineering). Old Dominion University, USA. 2020
* M.E (Embedded System Technologies). Anna University, India. 2012
* B.E (Electronics and Communication Engineering). Anna University, India. 2007

**Relevant course works**

* Introduction to data science and Analytics
* Data Analytics and Big data
* Machine Learning
* Cybersecurity systems
* Advance cyber techniques and operations
* Network Engineering and Design

**Trainings:**

* Learning Microsoft Dynamics 365: Basics –LinkedIn Learning
* Introduction to spark SQL and Data frames–LinkedIn Learning
* Apache Spark Essential training – LinkedIn Learning

**Professional Experiences**

**Elevance Health Inc, USA.** [**https://www.elevancehealth.com/**](https://www.elevancehealth.com/) **Jan 2023 - Sep 2024**

**Data Scientist**

**Responsibilities:**

* Impacted Business Performance by reducing the SLA from 24 hours to 4 hours in production with 95% data accuracy.
* Automated the RAM documents creation process using Data frame in production data.
* Performed data integrity checks, data cleansing and exploratory analysis using Python libraries like Pandas, Matplotlib etc.
* Lead the Provider selection logic measures in UAT environment.
* Reviewed the work intake logs in PDASQ- Provider Data Automation and System Quality using Facets production, audit and Edinet databases.
* Created RAM (Roaster Automation Management) documents for Non participating practitioners from the external claims (XC).
* Generated matching provider ID reports for 3point Medicare, Medicaid, Medical supplement, 2point and Retiree claims with various market networks.
* Included /Removed the provider data based on business requirement from the Claims intake repair tool /PMRT.
* Build, validate, and deploy advanced statistical, machine learning, and deep learning models tailored for business problems, using Machine Learning algorithms such as Logistic Regression, Decision Tree, Naive Bayse, Random Forest, XG Boost and Time series algorithms like ARIMA
* Analyses patient records and medical literature to assist in diagnosis, treatment planning, and research using Deep Learning algorithms.
* Experience in building & configuring hyperparameter optimization pipelines with Azure and ML Flow.
* Data Warehouse Implementation: Led the end-to-end implementation of a data warehouse solution, enhancing data retrieval time by 40% and supporting business intelligence initiatives.
* Worked on Gen AI development tool called Spark for internal Associates access using NLP.
* Developed polished visualizations with Plotly and Dash to analyse and interpret the performance of the model.
* Reviewed and analysed facets claims history Tableau reports.

**Environment:** SQL (ODW, Provrecon, Edinet1P), Facets (FAC1P, FAC1R, SPS), JIRA, Service Now, PEGA, SPS case worker, Macess, Python, Tableau Server, Pandas, Data frame

**KAT Enterprise LLC, USA. https://katenterprise.com/ Mar 2019 – Aug 2022**

**Client: Competitive Innovations LLC**

**Data Scientist**

**Responsibilities:**

* Collaborated with data stewards and clients to test, clean, and standardize data to meet business requirements
* Worked on model driven apps & Power Automate(workflows)
* Evaluated patterns and meaningful insights from data through qualitative and quantitative analysis
* Created Calculated columns, measures, paginated reports and scheduled refreshes in Power BI
* Created user roles and groups to the end user and provided row-level security
* Created Employees Portal, Payroll Tracker App, HR, Timesheet report, Security clearance App, and foreign travel App.
* Integrated third-party application using REST API and power automate
* Worked on Measuring Investment Risks using Python for financial data set. Calculated Security risk, co variance, correlation, Portfolio risk and Diversifiable Risk using Python
* Developed python code for calculating and comparing rates of return using Numpy
* Worked on Capital Asset Pricing Model and regression analysis
* Created ad hoc Power BI reports for the business needs

**Environment:** Microsoft Dynamics 365 CRM/ERP, AZURE data factory, Azure DevOps, API, Power APPS, Power BI, Microsoft Excel, SQL, Python, Data verse,Numpy

**Anthem Inc, USA. https://www.anthem.com/ July 2016 – March 2019**

**Data Scientist**

**Responsibilities:**

* Created ML model for Health Insurance prediction to facilitate customers with better health plans as per their needs and help organization to avoid unforeseen losses and liabilities.
* Analysed 10 GB health care data using data bricks, identified improved opportunities PPO blue central networks, implemented logic changes in electronic medical record system.
* Developed dashboards that indicate KPIs related to Claim inventory, Cleared claims, LOB, Pended Claims, External claims, daily, weekly and monthly claim insights
* Handled Front end logic data to import to term/activate networks, Atypical claims.
* Worked on QA and Production claims deployment data validations
* Configure and maintain data in the database servers and processes, including monitoring of system health and performance, to ensure high levels of performance, availability, and security.
* Experience in designing creative dashboard visualizations that captivate their respective business audience. Generated Scheduled visualization/Subscription reports to indicate the metrics.
* Implemented delegated table logic to select the providers based on POS, Procedure code and Speciality.
* Created the KPI to show the difference between actual and forecast data
* Implemented big data processing using Azure Databricks, enabling distributed computing for large-scale data analysis.
* Provided KT sessions and clarifications to the team

**Environment:** SQL, Azure Data bricks, Excel, Power BI

**Graduate Intern December 2014 – May 2015**

**Logfuze Technologies Pvt limited, India. https://logfuze.com/**

**Responsibilities:**

* Processed Python, and SQL in data analytics to collect, understand, transform, cleanse, store, and share users' data, leading to increased efficiency in all processes
* Reported data and visualization efforts on the EDW to senior developers
* Experience in Tableau Server end user access privileges
* Worked on calculated fields, parameter controls, hierarchy, groups, sets, dashboard actions, filters, annotations
* Experience and familiarity with publishing, scheduling, refreshing reports to Tableau Server
* Built and published interactive dashboards on Tableau Server

**Environment:** Microsoft Excel, Python, Tableau Desktop (Version 8.2), Tableau Prep, Tableau Online, Tableau Server, SQL,

**System Analyst June 2007 – April 2009**

**Mani India Technologies Private Ltd, India. https://maniindiatech.com/**

**Responsibilities:**

* Experience in logical/physical data modelling using Erwin
* Extensive data cleansing using pivot tables, formulas (V-Lookup and others)
* Experienced in Application Flow format designing and programming
* Worked on documenting user manual, flow diagram, functional diagram, and Process flow
* Extract transforms and load source data into respective target tables to build required data mart
* Used report builder to do Ad-hoc reporting and Performed unit testing using test cases.

**Environment:** SQL, SSIS, SSRS, SSAS, Excel, C++, Linux, Shell scripting

**Other Experiences**

Assistant Professor

June 2012 –May 2013

Sree Sastha Institute of Engineering and Technology, https://sasthainstitutions.in/

Lab Instructor

June 2009 – June 2010

Prince Sri Venkateswara Padmavathy Engineering College, https://www.psvpec.in/