## CONTACT ME AT

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## CORE COMPETENCIES

●● Data Architect, Data Strategy, Data governance, DBT, Data Integration

●● Master Data Management

●● Data Mining / Predictive Modelling

●● Statistical Analysis / Business Intelligence

●● Project Management

●● Artificial Intelligence & Machine Learning Concepts

●● Centre of Excellence

●● ETL/ELT Processes

●● Team Management & Leadership

## TECHNICAL SKILLS

●● **Analytics/Visualization:** Tableau, SAP BO, Cognos, Power BI, SAS, Azure Infrastructure

●● **ETL/ELT:** SAS & SAP BI/BW Hana

●● **RDBMS/OLAP/NoSQL:** Oracle, SQL Server, Teradata

●● **Programming:** SQl, PLSQL

●● **Big Data:** SparkSQL, Kafka, Hive, DBT, Terraform

●● **Methodologies:** Waterfall, Iterative, and Agile

## EDUCATION

●● **MCA** from APJ Abdul Kalam University, Lucknow-2004

●● **B.Sc.** from C.C.S. University, Meerut-2000

# PRANJAL AGARWAL

## Data Architect

*An Enterprising leader & multi-faceted professional, skilled in blending creative intellect/insight and sharp planning skills for streamlining programs & business operations & invigorating businesses using data-driven **BI, Data Architect, & Data Integration solutions** to increase efficiency, accuracy, and utility of data using edge- cutting technologies; skilled in conceptualizing & implementing effective plans which add value to an organization through inspiring leadership & innovation excellence.*

## PERSONAL PROFILE

- **Possessing 17 years** of experience in the analytics domain, with a focus on requirement gathering, analysis, data strategy, Data governance, Data Integration, stakeholder management, and data architect across industries such as banking, financial services, cement, and real estate

- **Demonstrating strong skills** in **Azure** Infrastructure with Snowflake and AWS.

- Successfully **delivered multiple projects** in the analytics domain showcasing excellent analytical, problem-solving, and communication skills, and the ability to interact with individuals at all levels of an organization

- Pivotal role in defining Data Analytics Roadmap & establishing Analytics CoEs / KPOs for the clients

- Proficient in **logistic modeling in the credit risk domain**, including variable reduction, outlier treatment, and calculating the PD, while also possessing strong delivery management and competency-building skills

- Accomplished **Artificial Intelligence and Data Science Solutions Architect** with expertise in defining business problems, working with and manipulating data, developing data science and analytical algorithms & solutions, and developing analytical models into production environments

- **Excellence in providing actionable insights and solutions using Machine Learning techniques like** collaborative filtering, random forest, customer segmentation, text mining, NLP, and linear regression

- Resourceful in technical solution architecture & conceptualization for enterprise-wide **BI and Data Warehousing projects** with the alignment of business/ information systems using cutting-edge technologies & quality standards

- **Team Leader:** Strong blend of business acumen and technology expertise coupled with exceptional people leadership skills; consistent and proven track record of forming, and managing high performing teams

## WORK EXPERIENCE

**May'23-Present: ITribon Technologies as Data Analytic Head**

**Aug'18-May'23: DXC Technologies as SAS Tech Lead**

**May'18-Aug'18: Saggezza India Pvt. Ltd. as Project Manager**

**Aug'06-Sep'17: JILIT-Part of Jaypee Group as Senior Consultant**

**Key Result Areas:**

**General Administration & Facility Management**

- Leading a team of 20 resources, overseeing all data analytics projects, & ensuring timely delivery
- Collaborating with clients to gather requirements, analyze business needs, and provide tailored solutions
- Managing project timelines, resources, and deliverables, while also upgrading the analytics environment and performing audit activities
- Mentoring team members, facilitating team-building activities, and fostering a positive work environment
- Managed a team of 20 resources, providing technical leadership in SAS projects and ensuring smooth execution

- Collaborated with client IT teams to address requests, increase productivity, and maintain strong relationships
- Identified areas for business process improvement, implementing solutions, and monitoring their effectiveness.
- Conducted business analysis, feasibility determination, and process mapping, ensuring alignment with organizational goals
- Utilizing data warehouse technical architectures, infrastructure components, data structures, Extract, Transform & Load (ETL) and reporting/analytic tools, & environments in projects
- Guiding functions pertaining to XX (Descriptive, Diagnostic, Predictive, Prescriptive Analytics, solution development using Advanced Analytics & AI/ML techniques on Big Data Stack)
- Leveraging rich experience in advanced analytical practices such as predictive analysis, attribution modelling and customer profiling
- Simulating, designing, developing & deploying computationally complex and practical data; building and delivering comprehensive data strategy roadmaps; ensuring final deliverables are of the highest quality
- Monitoring evaluation of data-related technology standards, tools, products, and solutions, making rational design decisions from business & technical perspectives and communicating recommendations
- Provided leadership to develop automated dashboards and reports utilizing latest technologies including SAS VA & Power BI to various business owners to provide actionable insights (daily, weekly and monthly)
- Adopting the concept of Data lake / Big data target architecture, reporting for product analytics, funding use cases, enabling privacy policy changes

**Key Achievements**

- Successfully delivered a SAS project, reducing the total cost of ownership by 35% and increasing efficiency
- Monitored SAS applications, providing support to around 750 users & ensuring optimal performance
- Implemented an operational research model using SAS OR, optimizing business processes
- Spearheaded the development of an end-to-end balance sheet using SAS, streamlining financial reporting and analysis
- Delivered SAS project with TCO reduced up to 50%, increasing efficiency and cost savings
- Delivered a comprehensive SAS solution for India Post Payment Bank, including modules like SAS AML, SAS FRMS, SAS EDW, SAS VA, & SAS DI, streamlining operations & reporting
- Developed and implemented operational research models using SAS, optimizing business processes and decision-making
- Led the development of an end-to-end balance sheet using SAS, streamlining financial reporting and analysis
- Successfully predicted customer default probability for strategic decision-making, utilizing logistic modeling and advanced analytics techniques
- Instrumental in predicting the probability of customer default for strategic decision making, utilizing logistic modeling and advanced analytics techniques

## MAJOR PROJECTS

### Project: Snowflake Architecture project with Azure Infrastructure

**Client:** India Post Payment Bank (Aug 2020 – Nov 2023)
Worked as a Senior Data architect using snowflake and Azure infrastructure.
Translating business requirements into strategy, data warehouses and data streams.
Creating procedures to ensure data accuracy and accessibility. Analysing, planning, and defining data architecture framework, including security, reference data, metadata, and master data. Creating and implementing data management processes and procedures.
Collaborating with other teams within the organisation to devise and implement data strategies, build models, and assess shareholder needs and goals. Researching data acquisition opportunities.

### Project: EDW Project for IPPB

**Client:** India Post Payment Bank (Aug 2018 - May 2020)
Worked as a SAS project lead in IPPB bank and lead a team of 25 resources. This was SAS support and delivery project which was having multiple SAS modules like SAS AML, SAS FRMS, SAS EDW, SAS VA, DBT, SAS DI etc.

## Project: EDW, EGRC, AML and ALM

**Client:** JILIT (Aug 2006 – Aug 216)
Client is having business in multiple geographies like UK, USA, Singapore etc. I am involved in multiple POC, Projects, Technology Initiative, RFP, Governance, Solutions etc. Please see Key deliverables below: –

- Working with CDO, CIO and Director on various initiatives as well as Technology Roadmap. Objective of the project was to predict the probability of customer going to default in the coming months based on the customer account detail available for strategic decision-making.

**Responsibilities:**

- Planning and Defining Scope
- Activity Planning and Sequencing
- Resource Planning
- Documentation

## Project: Data Architect for Insurance Domain

**Client:** ACE Insurance America, Philadelphia, PA (Mar 2014- Sep 2017)
**Project Description:** Developed predictive model for an Insurance Company and conducted statistical analysis using SAS. Applied Proc Means, Proc Freq, logistics, summary, transpose, univariate, and compare.
**Environment:** SAS & MS Office

**Responsibilities:**

- Planning and Defining Scope, Activity Planning and Sequencing, Resource Planning
- Developing Schedules, Time Estimating, Cost Estimating, Developing a Budget
- Documentation, Creating Charts and Schedules, Risk Analysis
- Managing Risks and Issues, Monitoring and Reporting Progress, Team Leadership
- Controlling Quality

**Client:** Jaiprakash Associates Limited, Noida, India (Mar 2013- Mar 2014)
**Project Description:** Consolidation & Reporting of Accounts using SAS Financial Management Studio (SAS FM) Developed for the balance sheet of Entire Jaypee Group.
**Responsibilities:**

- Participated as a project lead in discussions with end-user & with Deloitte Consultants (Functional Consultants for the project) for project requirement study
- Clarified Client Requirements, business needs, and project objectives, via feedback sessions & client meetings, in collaboration with all the stakeholders
- Prepared System Requirement specification & Functional Requirement Specification
- Conducted business analysis, Project assessment, Feasibility determination & process mapping
- Importing data from Excel, SAP, and Oracle using SAS DI
- Creating SAS DI Jobs for data Cleansing, Data churning as per the business requirement
- Maintaining rules and adjustments using SAS Financial Management Tool
- Creating Dimensions, Cycles, and Forms using SAS Financial Management Tool
- Creating reports using SAS Excel Addin
- Installation of the required SAS software to the authorized persons and giving him technical support about the system