

# Nino C Philip

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## Data Analyst

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### Overview

A skilled data professional with 5+ years of experience in data analytics, Azure cloud services, and business intelligence tools. Expertise in clinical research data, healthcare analytics, and scalable data solutions. Adept at developing interactive dashboards, ETL pipelines, and delivering actionable insights to improve operational and clinical outcomes.

### Professional Summary

- ✳ Applied advanced data analytics techniques to support clinical research projects, ensuring compliance with regulatory standards like HIPAA.
- ✳ Designed and implemented ETL pipelines tailored for clinical trial data, integrating multiple data sources while ensuring accuracy and consistency.
- ✳ Utilized **Azure Synapse** and **Snowflake** to create secure environments for storing and analyzing sensitive clinical data.
- ✳ Conducted **data modeling** and **hypothesis validation** to support experimental research in areas like patient outcomes and treatment efficacy.
- ✳ Integrated **FHIR-compliant data systems** into Power BI to facilitate actionable insights for healthcare providers and researchers.
- ✳ Contributed to **statistical analyses** for clinical studies, including survival analysis and treatment effect estimation, to guide evidence-based decisions.
- ✳ Developed **interactive dashboards** tailored to clinical trial monitoring and patient data insights, enhancing decision-making processes.
- ✳ Implementing and overseeing data backup and disaster recovery strategies for **Azure Databricks**, ensuring data resilience.
- ✳ Spearheading data processing workflows using the cutting-edge capabilities of **Azure Data Lake Analytics** within the Azure Data Lake ecosystem
- ✳ Implemented **Python** scripts for data aggregation and summarization.
- ✳ Configure **Snowflake** external tables for accessing data stored in external sources, enabling seamless data integration.
- ✳ Integrating Power BI with other Microsoft products such as **Excel, SharePoint, and Teams** to enable seamless data sharing and collaboration.

### Technical Skills

- ✳ Expert in **Power BI** and **Azure** development, specializing in advanced data modeling, schema design, and SQL scripting for efficient and scalable database solutions.
- ✳ Proficient in architecting comprehensive business intelligence solutions, including data warehousing, ETL processes, and data visualization, with a strong focus on **MSBI tools** and **Power BI**.
- ✳ In-depth knowledge of Azure services such as Azure SQL Database, **Azure Data Factory**, Azure Analysis Services, **Azure Data Lake**, and **Azure Synapse**, ensuring optimized cloud-based BI and database solutions.
- ✳ **Clinical Research Data Management**: Expertise in designing secure, FHIR-compliant data workflows and integrating data from EHR systems.
- ✳ **Data Analysis for Clinical Insights**: Advanced skills in statistical modeling for analyzing clinical outcomes and trial data.
- ✳ **Azure Cloud for Healthcare**: Proficient in implementing healthcare-specific use cases using Azure services like Synapse, Purview, and Data Lake.
- ✳ **Data Governance**: Adept at establishing policies and protocols to ensure data compliance with healthcare regulations such as HIPAA and GDPR.

### Education

- ✳ Bachelor of Technology (B.Tech.) in Computer Science & Engineering  
*University of Kerala, India*  
Verified by **WES**

## Certification

- \* Google Advanced Data Analytics Certificate (Coursera, Issued April 2025)
- \* Microsoft Power BI Data Analyst Professional Certificate (Coursera, Issued April 2025)

## Professional Experience

**Client: Kinark Child and Family Services**

**Title:** BI Developer / Data Analyst

**Tenure:** Jan 2024 – May 2025

**Responsibilities:**

- ✳ Designed and implemented efficient **data models** using **dimensional modeling techniques**, including **star and snowflake schemas**, to support scalable, high-performance **BI solutions** and facilitate accurate, fast reporting across subject areas.
- ✳ Designed and implemented **data models (star/snowflake schemas)** to support scalable **BI solutions** across **healthcare domains**.
- ✳ Built robust **ETL pipelines** using **Snowflake, SSIS, and Azure Data Factory (ADF)** to integrate diverse data sources including **SQL Server and REST APIs**.
- ✳ Developed interactive **Power BI dashboards** for **patient outcomes, clinical trial tracking**, and executive-level reporting.
- ✳ Created advanced **DAX measures** and optimized **data models** for performance, enabling real-time insights and efficient self-service BI.
- ✳ Conducted **churn analysis and retention modeling** to support strategic healthcare interventions.
- ✳ Led **automation and version control** efforts using **Git and Azure DevOps**, streamlining deployments and improving team productivity.
- ✳ Collaborated with **cross-functional teams** to align **BI solutions** with business goals, and **mentored junior developers** on **Power BI and DAX best practices**.

**Client: Akira Software Solutions, Delhi, IN**

**Title:** BI Developer

**Tenure:** Aug 2021- Dec 2023

**Responsibilities:**

- ✳ Configured and managed **data access controls, security roles, and permissions** across **Azure Data Factory, Azure Databricks, and SSAS** to safeguard sensitive data; implemented **MongoDB backup/recovery strategies** and **Snowflake data masking** for enhanced compliance.
- ✳ Developed **robust ETL pipelines** using **Azure Data Factory, SSIS, and Spark**, integrating diverse sources such as **SQL Server, RESTful APIs, and supply chain databases** to deliver high-performance BI solutions.
- ✳ Spearheaded **data governance and lineage tracking** by configuring **Azure Purview**, designing metadata management frameworks, and implementing **Power BI lineage documentation** to ensure compliance and data transparency.
- ✳ Built and optimized **Power BI dashboards** with advanced **DAX measures**, drill-through functionality, and **anomaly detection**, providing actionable insights for **healthcare, manufacturing, and supply chain** analytics.
- ✳ Engineered **data lake integrations** with **Azure Data Share**, enabling seamless collaboration with external teams, and managed **cryptographic key vaults** for secure data protection and renewal schedules.
- ✳ Collaborated with cross-functional teams—including **data scientists and mobile app developers**—to implement data workflows that powered **mobile applications** and SaaS solutions, enhancing user engagement and analytics.
- ✳ Provided technical leadership and mentoring on **SSIS, SQL optimization, and report customization** in **SSRS**, ensuring performance tuning and best practices were upheld across BI projects.
- ✳ Automated deployments and maintained robust documentation for **SSAS data integration**, Power BI reports, and **SaaS environments**, driving operational efficiency and supporting **scalable SaaS product development**.

**Client:** Techmaven, Bengaluru, in

**Title:** BI Developer

**Tenure:** Jul 2019 - Aug 2021

**Responsibilities:**

- ✳ **Employed transfer learning** techniques for **speech recognition domain adaptation**, fine-tuning pre-trained models to handle specific dialects and accents during advanced **data analysis** tasks.
- ✳ Developed and maintained **data integration workflows** between **OLAP and OLTP systems**, ensuring synchronized, up-to-date data, and collaborated with **data modelers** to design effective **ETL processes and data warehousing** strategies.
- ✳ Assiduously safeguarded **report security and access controls** in **SSRS** and configured **SSAS tabular model** security roles, ensuring data confidentiality and precise user access.
- ✳ Implemented **Azure Data Factory's data flow profiling** and **data deduplication processes** to identify quality issues, optimize storage, and uphold data consistency across complex environments.
- ✳ Collaborated with **data scientists** to deploy **custom algorithms in Azure Databricks**, and skillfully resolved issues in **Azure Data Lake** to maintain high availability and performance.
- ✳ Integrated **Power BI** with **Excel, SharePoint, and Teams**, enabling seamless data sharing and collaboration, and leveraged **Azure Purview's data lineage** to troubleshoot data integration discrepancies.
- ✳ Led efforts in **Git version control**, proficiently using tools like **Git reflow** to recover lost commits, and stayed updated with **SSIS/SSAS enhancements**, adopting new features for continuous improvement.
- ✳ Collaborated with **cross-functional teams** to integrate data from diverse business systems using **SSIS**, and consistently advanced technical expertise through **continuous learning** in BI and Azure ecosystems.

**Client:** Vofox solutions Pvt Ltd, IN

**Title:** Software Engineer

**Tenure:** May 2017- Jun 2019

**Responsibilities:**

- ✳ **Integrated secure payment gateways** using **Laravel** and **CodeIgniter**, and resolved critical **payment processing issues**, ensuring reliable transactions and minimal downtime.
- ✳ **Modernized legacy systems** by migrating to **React, Core PHP**, and **WordPress**, resulting in improved performance, maintainability, and user experience.
- ✳ **Developed and consumed REST APIs** to enable seamless third-party integrations and enhance application functionality.
- ✳ **Converted PSD designs** into responsive, dynamic **WordPress themes** using **React, PHP**, and **JavaScript**, aligned with SEO best practices.
- ✳ **Built scalable MySQL database structures** and performed backend optimizations for improved data handling and query efficiency.
- ✳ Conducted **unit and integration testing**, maintained **technical documentation**, and implemented performance/security enhancements.
- ✳ Managed **hosting environments** through **cPanel**, performed **SSL installations**, and oversaw end-to-end deployment across diverse hosting platforms.
- ✳ Collaborated in **Scrum teams** using **Git** and **Jira**, actively participating in sprints, technical planning, and agile task tracking.