## **Professional Summary**

* Experienced Product Analyst with 9+ years of expertise in designing, implementing, and optimizing analytics-driven product solutions across multiple industries.
* Built end-to-end analytics frameworks integrating cloud-based data warehouses, BI tools, and ETL pipelines to inform product strategy and roadmap.
* Developed automated dashboards and reporting solutions using Tableau, Power BI, Looker, and Superset to provide real-time insights for stakeholders.
* Integrated telemetry and event tracking from web, mobile, and SaaS applications into centralized platforms for unified product analytics.
* Implemented A/B testing and feature experimentation frameworks to optimize product adoption and user engagement.
* Collaborated with product, engineering, and UX teams using Agile, Scrum, and SAFe methodologies to deliver high-impact product features.
* Optimized ETL pipelines and data models with Python, SQL, dbt, and Apache Airflow to enhance reporting accuracy and performance.
* Migrated legacy analytics platforms to cloud environments (AWS, Azure, GCP) to improve scalability, reliability, and operational efficiency.
* Conducted competitive analysis, market research, and user segmentation to support product strategy and roadmap prioritization.
* Built predictive and descriptive ML models using scikit-learn, TensorFlow, and PyTorch to forecast user behavior, churn, and feature adoption.
* Integrated APIs and third-party datasets to enrich product insights and support cross-platform analytics.
* Developed CI/CD pipelines for analytics and dashboard deployment using GitHub Actions, Jenkins, Docker, and Terraform.
* Designed monitoring and alerting frameworks using Grafana, Datadog, and CloudWatch to ensure data integrity and system performance.
* Advocated and implemented data governance, quality, and compliance practices across multiple cloud environments.
* Mentored junior analysts and engineers, promoting best practices in analytics, cloud solutions, and product insights.

# **Technical Skills**

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| **Category** | **Skills / Technologies** |
| **Cloud Platforms & Data Warehousing** | AWS, Microsoft Azure, GCP (Google Cloud Platform), Azure Synapse Analytics, Amazon Redshift, Google BigQuery, Snowflake, CloudWatch. |
| **Programming & Data Processing** | Python (pandas, numpy, scikit-learn, TensorFlow, PyTorch), SQL (Advanced), Apache Spark, Pyspark. |
| **ETL, Orchestration & Modeling** | dbt (Data Build Tool), Apache Airflow, ETL/ELT Pipeline Development, Data Modeling, Data Governance, Data Lineage. |
| **Business Intelligence & Visualization** | Tableau, Microsoft Power BI, Looker, Apache Superset, Grafana, Datadog. |
| **Machine Learning & Experimentation** | MLflow, Predictive and Descriptive Modeling (Churn, Engagement, Forecasting), A/B Testing, Feature Experimentation Frameworks. |
| **DevOps & CI/CD** | CI/CD Pipelines, GitHub Actions, Jenkins, Docker, Terraform, GitLab, Git, Telemetry/Event Tracking Integration. |
| **Methodologies & Tools** | Agile, Scrum, SAFe, Jira, Confluence, APIs, Market Research, Competitive Analysis. |

## **Professional Experience**

### **Client: Cardinal Health, Dublin, Ohio July 2024 to Present**

### **Senior Product Analyst**

**Environment:** Azure, Synapse, Python, Spark, Power BI, CI/CD, MLflow, GitHub, Agile

**Responsibilities:**

* Architected cloud-based analytics platforms integrating multi-source financial and behavioral data for enterprise insights.
* Built predictive models and dashboards for user engagement, retention, and product adoption using Python and Spark.
* Automated ETL pipelines using Synapse, Python, and Airflow to ensure scalable and accurate analytics delivery.
* Implemented A/B testing frameworks to evaluate new features and optimize user experience.
* Developed advanced Power BI dashboards with dynamic calculations to provide actionable insights.
* Integrated APIs and third-party data sources to enhance analytics capabilities.
* Built CI/CD pipelines using GitHub Actions, Docker, and Terraform to automate analytics deployments.
* Designed monitoring and alerting frameworks using Grafana and Datadog to ensure system reliability.
* Conducted deep-dive analyses on feature adoption, user behavior, and product monetization.
* Collaborated with product, engineering, and UX teams to translate analytics into roadmap decisions.
* Streamlined data governance, quality, and compliance processes across cloud platforms.
* Mentored analytics team members on advanced modeling, cloud architecture, and visualization best practices.
* Led workshops to translate insights into actionable product strategies.
* Maintained documentation and data lineage for reproducibility and operational transparency.

### **Client: Truist Bank, Charlotte, NC September 2022 to June 2024**

### **Product Analyst**

**Environment:** AWS, Redshift, Python, Tableau, Airflow, dbt, GitLab, Agile, DevOps

**Responsibilities:**

* Led analytics initiatives for enterprise products, integrating multiple data sources into centralized reporting platforms.
* Developed automated dashboards to monitor KPIs, operational metrics, and user engagement.
* Built predictive models to forecast retention, adoption, and operational efficiency using ML frameworks.
* Implemented A/B testing and experimentation frameworks to validate product features.
* Optimized ETL pipelines using Python, Airflow, and dbt for reliable and scalable data processing.
* Designed CI/CD pipelines using GitLab, Docker, and Terraform to streamline analytics deployments.
* Integrated APIs and external datasets to enhance product insights and cross-platform analytics.
* Built monitoring dashboards using Grafana and Datadog to ensure data reliability and system performance.
* Conducted market research and competitive benchmarking to support product roadmap planning.
* Streamlined data governance, security, and compliance across cloud platforms.
* Collaborated with product managers and UX teams to translate insights into actionable strategies.
* Automated reporting workflows to support executive-level decision-making.
* Mentored junior analysts in analytics best practices, cloud solutions, and visualization techniques.
* Led workshops with stakeholders to align analytics insights with product strategy.

### **Client: CareFirst SBP , MD May 2019 to August 2022**

### **Senior Product Analyst**

**Environment:** GCP, BigQuery, Python, Looker, Airflow, GitHub, Agile Scrum, MLflow

**Responsibilities:**

* Designed analytics solutions for digital product performance, user engagement, and operational efficiency.
* Automated Looker dashboards to visualize KPIs, conversion rates, and feature adoption trends.
* Built predictive models for user behavior, personalization, and retention using Python and ML libraries.
* Optimized ETL workflows in Airflow and Python to reduce data latency and improve reporting accuracy.
* Integrated clickstream and transaction data from web and mobile platforms for unified analytics.
* Implemented A/B testing and experimentation frameworks to validate product features.
* Built CI/CD pipelines for analytics and dashboards using GitHub Actions, Docker, and Terraform.
* Conducted competitive and market analysis to guide product strategy and roadmap planning.
* Developed anomaly detection systems to identify irregularities in usage patterns and operational metrics.
* Collaborated with product, UX, and engineering teams to translate analytics insights into strategic initiatives.
* Integrated external APIs and third-party datasets to enrich product analytics and reporting.
* Enhanced documentation and data lineage for reproducibility and maintainability.
* Streamlined data governance, security, and compliance practices across cloud platforms.
* Mentored junior analysts, ensuring adoption of advanced analytics methodologies.

### **Client: Avon Technologies (India) Pvt Ltd, Hyderabad, India September 2017 to February 2019**

### **Product Analyst**

**Environment:** Azure, Power BI, Python, Spark, dbt, SQL, Jira, Confluence, CI/CD, Agile

**Responsibilities:**

* Built enterprise-level dashboards and reporting solutions for digital product KPIs using Power BI and SQL.
* Automated ETL pipelines with Python, Spark, and dbt to integrate transactional and behavioral data for analytics.
* Conducted deep-dive analysis on feature usage and customer behavior to inform roadmap prioritization.
* Developed predictive churn and engagement models to improve retention and product adoption.
* Integrated APIs and real-time data feeds into Azure data warehouses for unified analytics.
* Implemented CI/CD pipelines for analytics deployment using Jenkins, Git, and Terraform.
* Conducted A/B testing and experimentation to evaluate feature performance and optimize user experience.
* Built anomaly detection frameworks to proactively identify data inconsistencies and operational risks.
* Collaborated with cross-functional teams to define KPIs, dashboards, and actionable insights.
* Conducted market research and competitive analysis to inform product decisions.
* Streamlined reporting processes and automated executive-level dashboards for faster decision-making.
* Optimized SQL queries and data models to improve reporting performance and scalability.
* Maintained data governance and quality assurance across cloud-based analytics platforms.
* Provided mentorship to junior analysts, promoting best practices in analytics and cloud solutions.

### **Client: E-centric solutions Pvt Ltd, Hyderabad, India April 2016 to August 2017**

### **Product Analyst**

**Environment:** AWS, Snowflake, Python, Tableau, SQL, Apache Airflow, Git, Agile Scrum

**Responsibilities:**

* Designed and implemented analytics frameworks for digital products, integrating multiple internal and external data sources for actionable insights.
* Developed automated dashboards and reporting pipelines to track product usage, operational KPIs, and user engagement.
* Optimized ETL workflows using Python, SQL, and Airflow to ensure timely, accurate, and scalable data delivery.
* Conducted user behavior and feature adoption analysis to inform product roadmap decisions and prioritization.
* Integrated telemetry and event data from web, mobile, and SaaS platforms into centralized data warehouses.
* Built predictive models using Python and ML libraries to forecast churn, engagement trends, and feature adoption.
* Implemented A/B testing frameworks to evaluate feature effectiveness and optimize user experience.
* Automated monitoring and alerting solutions using CloudWatch and Python scripts to detect data anomalies.
* Collaborated with product, engineering, and UX teams to translate analytics insights into actionable product strategy.
* Integrated third-party APIs and external datasets to enhance analytics capabilities and personalization.
* Conducted competitive benchmarking and market research to support strategic product decisions.
* Enhanced data documentation and lineage tracking to improve maintainability and knowledge transfer.
* Streamlined data governance, security, and compliance processes across cloud environments.
* Mentored junior analysts in analytics best practices, data modeling, and visualization techniques.