

## **Jay Prakash, MS, MBA, PMP**

Sr. Product Manager, Data Analytics and Data Science

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Result-driven product leader with a strong record of defining and executing product vision and roadmaps, leading cross-functional teams, and driving innovation to deliver market-leading data and analytics solutions in healthcare and pharmaceutical sectors. Skilled in leading cross-functional teams, contributing to technical architecture, and implementing solutions that enhance business efficiency, productivity, and profitability. Committed to operational excellence across all product and project management aspects, with over 14 years of deep domain expertise in health and pharma. Extensive experience in enterprise data warehousing, data engineering, data visualization, and data science.

### **CORE COMPETENCIES & STRENGTHS**

- Data Analysis and Visualization
- Product Management
- Data Science and AI Solutions
- Agile/Scrum Development
- IT Integration
- Enterprise Data Architecture
- Project Management
- People Management
- Effective Communication
- Vendor Management
- Collaborator
- Business Acumen

### **PROFESSIONAL EXPERIENCE**

**Johnson & Johnson, Titusville, NJ**

**Dec 2020 – Present**

**Product Manager, Data & Analytics PLO**

Seasoned product manager with comprehensive skills in product roadmap development, product planning, and aligning business objectives with Janssen pulmonary hypertension (PH) and Infectious diseases (ID) business users. Leverage strong leadership and communication skills to foster collaboration among cross-functional teams and deliver high-impact products, uniquely positioning our product to power world-class data and analytics technologies for end-to-end (E2E) patient data management, operational excellence, and data science capabilities.

- Own and drive technology strategy, define business values, measure product adoption, retention and customer satisfaction in the PH and ID therapeutic area.
- Manage and own the analytics capabilities roadmap in line with business prioritization, implementing new services and solutions for the entire PH therapeutic business.
- Ensure timely and consistent delivery of data and visualization products for field reporting, commercial reporting and dashboards to Janssen IDV stakeholders.
- Lead the product management deliverables as part of the launch excellence process to ensure readiness for OpSynvi product launch.
- Develop the data engineering strategy for driving the machine learning algorithms and sales operations for PH therapeutic area leveraging E2E Patient data.
- Enable reporting and analytics for the multiyear Janssen Experience Transformation (JET) program to deliver the right content to the right health care provider (HCP) at the right time via the right channel.
- Provide tracking and adoption of Dynamic Engagement Plan (DEP), program attendance, customer engagement, rep-driven email to our field reps and leadership.
- Collaborate with data engineers to design and create pipelines processing claims, sales, and marketing data.
- Build a technology product roadmap to support the business requirements. Led initiatives to help improve quality and standardized the data coming in from various vendor partners for reporting consistency.
- Collaborate with the data sciences team to build predictive analytics capabilities.
- Utilize agile methodology to work with business partners to define and translate business needs into user stories, prioritize the product backlog, and define sprint plans.

**FlexiVan LLC**, Scottsdale, AZ

**May 2020 – Dec 2020**

**Senior Product Manager, Data & Integration**

Led a team and managed multiple products that integrates data across enterprise business units for the improvement of business processes of the supply chain management system.

- Direct and coordinate assignments, evaluate performance, and oversee the professional development of the team.
- Built solutions that leverage strategic use of data to improve operational performance, efficiency, productivity, and reduce costs.
- Drove product success and enhanced market position by employing a keen eye for user experience and data-driven approach.

**Kaiser Permanente**, Pleasanton, CA

**April 2010 – Dec 2019**

**Senior Product Manager, Enterprise Pharmacy and Data Warehouse System**

Led a high-performing team responsible for successfully delivering Data products, optimizing IT operations and partnerships for peak performance. Championed the development and oversight of a comprehensive product roadmap, outlining essential features and improvements. Utilized robust leadership and communication skills to cultivate collaboration across cross-functional teams, thereby making significant contributions to the product's success and overall business outcomes.

- Facilitated organization-wide decision-making by implementing cutting-edge analytics solutions, harnessing the power of the big data ecosystem to design and implement analytics workloads on hybrid cloud data platforms. Developed big data pipelines through Azure data lake and Azure data factory and performed data analysis using the HDInsight Spark cluster on data lake storage Gen2.
- Developed and communicated product strategy which was aligned with the company's overall goals and market demands.
- Led the pharmacy data analytics group, managing a \$19.3M budget and collaborating with business and IT stakeholders to define project scope and develop high-performance roadmaps. Oversaw the development and optimization of the pharmacy data warehouse and delivered high-quality outcomes.
- Led cross-functional IT teams in system development and implementation, adopting an Agile framework to enhance innovation and accelerate delivery: supervised program design, software development, testing, and issue resolution to ensure stable application systems.
- Successfully developed machine learning algorithms (model) to predict if the patient had the heart disease or not and analyzed their various symptoms which can lead to heart diseases.
- Developed and launched cutting-edge analytic product for KP international. Managed the product's payment activity, educational experiences, case studies and speaking engagement across the world.

**TECHNICAL SKILLS**

AWS Cloud Stack and Services (RedShift, RDS, EC2, EMR, S3, EKS, Bedrock, Lambda, CloudWatch, API), Tableau, SQL, Python, PySpark, ML, NLP, GenAI, Numpy, Panda, Dataiku, PostgreSQL, Docker, Kubernetes, JIRA, Confluence, MS projects, Microsoft Office Tools, Visio, K-shell, Unix, NoSQL

**EDUCATION**

Master of Information and Data Science - Dec 2024

University of California - Berkeley, CA

Master of Business Administration (MBA) - Nov 2009

University of Phoenix, Livermore, CA

Bachelor Engineering in Electronics & Communication - Dec 1994

Birla Institute of Technology (BIT), Mesra, India

**CERTIFICATIONS**

AWS Certified Cloud Practitioner – 2021

Microsoft Azure for Professionals – 2019

Project Management Professional (PMP)

DevOps Foundation Certification – 2017

Situational Leadership II ( SLII ), The Ken Blanchard Companies – 2017

ITIL Foundation Certification in IT Service Management – 2017