

# Ninad Pawar, PMP

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## TECHNICAL SKILLS

**Programming Languages:** Python (pandas, scikit-learn), SQL (PostgreSQL, MySQL), R (dplyr, ggplot2)

**Visualization:** Power BI, Tableau, Looker

**Cloud & DevOps:** AWS (S3, EC2, Lambda, SageMaker), Azure DevOps, Docker/Kubernetes

**Project & Process:** Agile/Scrum (JIRA/Confluence), Kanban (Trello), Lean & DevOps practices

**UX & Prototyping:** Figma, Miro

**CRM Development:** Salesforce, Zoho CRM, SAP S/4HANA Finance (FICO), SAP MM (Materials Management), SAP SD (Sales & Distribution)

**Requirements & Process Modeling:** Elicitation workshops, Visio/UML process flows, User-story creation, UAT coordination

## CERTIFICATIONS

PMP | Strategy Consulting (BCG) | Root Cause Analysis | Agile Project Management (JP Morgan) | Financial Risk Analytics | Data Analytics Fundamental by Amazon Web Services (AWS) | Google Analytics | Business Analytics Foundation | Six Sigma (Green Belt) |

## LEADERSHIP

**Athena AI, Project Manager**

January 2024 – Present

- Led requirements-elicitation workshops and data-modeling sessions to define product vision, then implemented two-week Scrum sprints in JIRA and OKRs/scorecards—boosting decision-making clarity by 35% and sprint predictability by 30%
- Re-architected AWS backend into microservices (ECS, Lambda, Step Functions) and optimized Python ETL pipelines—raising system scalability and data throughput by 30%
- Orchestrated use-case documentation and end-to-end MVP delivery (S3→Redshift ETL, SageMaker model training, React UI rollout) to 200 pilot users—driving a 25% lift in student engagement
- Built SQL-powered Power BI & Looker dashboards to monitor onboarding, model-drift, and acceptance—reducing time-to-insight by 40% and enabling data-driven stakeholder decisions
- Negotiated FERPA/GDPR-compliant SLAs with three universities, integrated via LTI with campus LMSs, and led advisor training webinars—achieving 95% pilot adoption on schedule
- Conducted cost-benefit analyses and implemented AWS KMS encryption, IAM RBAC, and quarterly audits—ensuring 100% FERPA/GDPR compliance and safeguarding student data

## EXPERIENCE

**Zoho Corporation**

New York, NY

Business Intelligence Intern

July 2024 – October 2024

- Conducted stakeholder interviews and built AI recommendation engines in Python (scikit-learn, TensorFlow) on SageMaker—forecast accuracy +25%, directly informing roadmap prioritization
- Deployed Azure Cognitive Services and Google AI into customer touchpoints—improving retention by 20% and engagement by 15%
- Performed RFM segmentation in Python/SQL and Zoho Analytics—enabling targeted campaigns that lifted email open rates by 30%
- Automated ETL with Zapier, Airflow, and Deluge—reducing ops costs by 10% and speeding decision cycles by 25%
- Embedded Looker Studio dashboards with Python ETL—achieving a two-week forecast cycle turnaround and +18% forecast precision
- Led A/B testing sprints (Optimizely, R/Python analysis)—driving a 20% uplift in feature engagement across 4,000+ users

**Bharat Aviation Consulting**

Delhi, India

Senior Business Analyst

March 2021 – May 2023

- Spearheaded the integration of a New Distribution Capability (NDC) platform by defining data models, mapping REST API flows, and collaborating with IT teams, increasing ancillary offer conversion by 25%

- Managed the end-to-end migration of core operational systems to Azure and AWS, configuring CI/CD pipelines in Azure DevOps and automating infrastructure provisioning, which cut data-center costs by 45% and accelerated release cycles by 60%
- Designed and implemented a compliance reporting framework for carbon emissions under ICAO's CORSIA pilot phase, leveraging Power BI and SQL-based ETL processes to deliver real-time dashboards that ensured regulatory alignment
- Expanded a predictive-maintenance PoC into a fleet-wide digital-twin solution using Azure ML and Apache Spark, reducing A-check turnaround by 20% and unplanned maintenance events by 35%
- Deployed an AI-driven crew rostering tool by gathering requirements in JIRA/Confluence, prototyping optimization algorithms in Python, and coordinating UAT sessions, improving crew utilization by 12% during disruptions
- Led Lean process-reengineering workshops using Visio and Lucidchart, implemented digital checklists in Smartsheet, and tracked throughput via Tableau dashboards, increasing C-Check hangar capacity by 25% and reducing rework by 15%

## **Bharat Aviation Consulting**

Business Analyst

Delhi, India

January 2020 – March 2021

- Designed and built interactive Power BI dashboards using Power BI Desktop, DAX formulas, Azure Data Factory pipelines, SQL queries and Python pandas scripts to integrate flight operations, maintenance logs and cash-flow data, enabling clients to secure funding in CARES Act support within two months
- Led digital-maturity assessments by mapping processes in Microsoft Visio and capturing requirements in JIRA and Confluence, then defined a five-phase cloud ERP and mobile-app rollout on Microsoft Power Platform with Azure DevOps CI/CD pipelines under DGCA/EASA regulations, securing board approval for transformation projected to cut manual processing by 60% and boost on-time departures by 8%
- Collaborated with data engineers to ingest sensor streams via Apache Spark and Azure Event Hubs, then developed machine-learning models in Python (scikit-learn with Azure ML) for hydraulic and landing-gear health monitoring, reducing unscheduled maintenance events by 15% during a six-month pilot
- Performed spend and lead-time volatility analyses in Excel and Power Query, built interactive Tableau dashboards for SAP Ariba vendor performance, and facilitated Lean Six Sigma workshops to implement dual-sourcing and buffer-stock strategies, cutting critical-parts stockouts by 40% and lowering inventory carrying costs by 12% while maintaining a 98% service level
- Scoped and deployed an AR collaboration solution using Microsoft Teams and SharePoint integrated with Vuforia Engine, designed virtual-maintenance workflows in Miro, and led technician training, reducing on-site visit requirements by 30% in Q4 2020
- Facilitated Kaizen events with Planview AgilePlace Kanban boards and value-stream mapping, then standardized shift-handover protocols using digital checklists in Smartsheet, increasing C-Check throughput by 20% and improving first-pass quality by 10% without additional headcount

## **ACADEMIC PROJECTS / PERSONAL PROJECTS**

### **Social Media Insights**

Month Year – Month Year

- Conducted end-to-end sentiment analysis on 500 K+ social media posts using VADER, TextBlob, and BERT in Python—cleaning and structuring data with pandas/NumPy, then correlating emotional trends to consumer spending patterns by demographic segment; delivered Power BI dashboards that enabled real-time, empathy-driven marketing decisions
- Developed and validated predictive machine-learning models in scikit-learn and TensorFlow to link sentiment shifts with purchase behaviors, integrating outputs into interactive BI dashboards to reduce decision latency by 40% and guide targeted product promotions during peak stress periods

## **EDUCATION**

**Pace University, Seidenberg School of Computer Science and Information Systems**

New York, NY

MS in Information Systems | **Concentration:** Business Intelligence

December 2024

**Arunachal University of Studies**

Namsai, India

Post Graduate Diploma in Computer Application

September 2021

**Yashwantrao Chavan Maharashtra Open University**

Mumbai, India

Bachelor of Science (B.S) Industrial Science| **Concentration:** MIS

May 2020

