Pratistha Thapa

Paris, France | prtsthapa99@gmail.com ↗ | +33 06 16 16 23 89 ↗ | GitHub ↗ | LinkedIn ↗

HIGHLIGHTS

Experienced in Python, SQL, and large-scale data analysis, focused on driving product decisions through KPI tracking, experimentation, and user behavior modeling. Skilled in building dashboards, analyzing user journeys, and translating complex data into actionable insights. Strong collaborator with cross-functional teams to evaluate product performance and optimize digital experiences.

EXPERIENCE

Data Analyst Intern *Jan 2025 – June 2025*
Allianz Trade (Euler Hermes), Paris, France

- Built and automated **data pipelines/ETL workflows** in Python, Informatica and Strategy BI dashboard automation, applying rule-based validations across **3 layers** and **4 insurance policy datasets**, establishing a data governance framework.
- Partnered with Surety to define requirements, built advanced SQL queries and an intelligent data cube powering a **predictive insights dashboard for premiums**, eliminating manual Excel workflows and improving accuracy and timeliness.
- Published **monitoring dashboards** using VBA macros for PMO budgeting KPIs, timesheets, and enhancing steering committee visibility.

Business Analyst/Product Owner *June 2023 – July 2024*
Vanilla Transtechnor Pvt. Ltd., Nepal

- Led the revamp of a digital wallet across technical and UX tracks; initiated requirement gathering, authored PRDs, user stories, and acceptance criteria to align feature behavior with business rules.
- Managed a backlog of **18** modules and prioritized **5** high-impact features, improving feature performance by **25%**, aligning with marketing and adoption goals.
- Redesigned wallet business logic and standardized UI/UX flows to simplify onboarding, authentication, and payments journeys, coordinating with engineering to deliver milestones **2** weeks ahead of schedule and increasing throughput by **13%**.

Graduate Teaching Assistant *May 2023 – June 2024*
Westcliff University (King's College), Nepal

- Facilitated class discussions and provided feedback for graduate and undergraduate students with an **average class size of 20 individuals** in courses like Information Systems and Principles of Data Management.

Business Analyst *June 2021 – May 2023*
eXtensoData Pvt. Ltd., Nepal

- Onboarded **4** commercial banks into a digital lending platform, generating a loan portfolio of **USD 4.24M** across **46,000** loans, eventually increasing revenue growth channel by **37%** over **10 months**.
- Defined KPIs and delivered an automated **monthly dashboard** that analyzes loan behavior for **65k eligible users across 7 partnered banks**, enabling stakeholders to track risk underwriting trends.
- Analysed the behaviour of digital payment users across channels, producing **80+** monthly active user performance reports, campaign engagement patterns, and KPI trends, accelerating decisions by **53%** for partnered banks and executives.
- Collaborated with business development & operations teams to translate reporting requirements into in-house BI solutions, reducing manual data processing efforts by **370 hours per week**, significantly enhancing operational efficiency.

EDUCATION

MSc Data Science & Network Intelligence *Sept 2024 – July 2025*
Institut Polytechnique de Paris, France

Master of Business Administration - Technology & Innovation *2021 – 2023*
Westcliff University, Nepal

Bachelor of Computer Application *2016 – 2019*
Bangalore University, India

SKILLS & CERTIFICATION

Languages & Tools: Python (pandas, numpy, matplotlib, scipy), SQL (Presto/Hive/Snowflake), Informatica, MicroStrategy/Strategy BI, Tableau, Power BI, Git, Postman, Swagger, Jira, Confluence
Other: Snowflake, n8n, Advanced Excel, VBA, MS Word, MS PowerPoint, Figma, Canva, n8n, Lovable
Certifications: Registered Product Owner - Scrum Inc., Registered Scrum Master - Scrum Inc.

Languages: English (C1) . Nepali (C2) . Hindi (C1) . French (A2)

PROJECTS

A/B Test Experiment Simulator   *Streamlit* ↗
  - Created an A/B testing simulator with user-level event generation, CTR/CVR/lift analytics, and a two-proportion Z-test for significance. Designed and deployed an intuitive Streamlit interface for exploring experiment outcomes.

REFERENCES

[R1] **Alexandre Knight**, *Chief Data Officer, Allianz Trade*. [alexandre.knight@allianz-trade.com ↗]

[R2] **Noël Crespi**, *Head of Data Intelligence and Communication Engineering Laboratory, Telecom SudParis(Institut Polytechnique de Paris)*. [noel.crespi@mines-telecom.fr ↗]