

Shrinivasa PH

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Portfolio: <https://shrinivasaph.github.io/>

Professional Summary:

Experienced Finance & Compliance professional with close to 8 years in roles involving process optimization, semi-automation, and data-driven decision-making. Skilled in Data Science, Machine Learning and Artificial Intelligence (AI & ML), with hands-on project experience and a strong foundation in Python, SQL, and data visualization tools.

Key Skills:

- **Analytical Tools:** Python, SQL, Tableau and Advanced MS Excel.
- **Machine Learning:** Linear & Polynomial Regression, classification, Ensemble modelling and Clustering.
- **Deep Learning & Artificial Intelligence:** Artificial Neural Network, Transformers, CNN, Natural Language Processing (NLP), Computer Vision (CV), Transfer Learning and basics of Prompt Engineering (using OpenAI & Llama).
- **Cloud:** AWS and Azure

Professional Experiences:

Prod Compliance Associate (Restricted Product Operations)

Amazon, Bengaluru

January 2018 - December 2023

- Collaborated cross-functionally with Finance and Compliance teams to ensure accurate tracking and reconciliation of product-related regulatory charges, maintaining transparency in financial documentation.
- Supported cash application and reconciliation tasks related to vendor settlements, chargebacks, and product compliance penalties, ensuring timely posting and proper ledger mapping.
- Curated semi-automation mechanisms for data validation and reporting, optimizing compliance and financial accuracy within the Order-to-Cash (O2C) process.
- Implemented ML-based clustering models to improve classification accuracy of financial and compliance data by 15%.

- Extracted actionable business insights through SQL, Python, and Tableau, highlighting anomalies, payment trends, and optimization opportunities.
- Developed Python and VBA-based semi-automation tools, reducing manual hours spent on repetitive reconciliation and reporting tasks by 20%.
- Spearheaded the launch of Query Management System (QMS) to streamline issue-resolution workflows among associates, finance, and legal teams, cutting query backlog by 60%.

Senior Financial Associate - (O2C - Order to Cash)

DXC Technology, Bengaluru

May 2015 - January 2018

- Managed cash application processes, documenting inbound payments against customer credit purchases.
- Accurately documented remittance-advice for inbound payments on multiple invoices.
- Supervised critical activities on monthly, quarterly and year-end financial book closure activities and reconciliation of accounts with 100% accuracy.

Project Transition & People Management at DXC Technology - (Ukraine - Onsite)

- Conducted international process-transition projects from Ukraine and Romania marketplaces (onsite), completing knowledge transfer, training, documentation and implementation within a 7-month timeframe.
- Authored comprehensive SOP documents on the projects and validated from the higher leadership.
- Trained and supervised internal team members on the newly conceived projects and onboarded them successfully.

AI and ML Projects

- **BART LLM - Text Summarization:**

Built a WebApp for abstractive text summarization using Hugging Face's BART model. The app supports summarizing plain text, URLs, and PDF documents. Deployed on Streamlit using Python, Transformers, trafiletura & fitz.

Link: <https://summarizer-phs.streamlit.app/>

- **Text-to-Speech (Hindi) – Azure Cognitive Services - Web Application:**

Built an interactive web app using Streamlit and Azure Cognitive Services that converts Hindi text into natural-sounding speech, featuring real-time audio generation, voice customization, and download functionality, while showcasing end-to-end application development with cloud-based AI services.

Link: <https://github.com/ShrinivasaPH/Azure-Neural-TTS>

- **Clustering - Economic ML Model:**

Developed a WebApp to cluster global economic scenarios based on socio-economic

conditions using K-Means, DBSCAN & GMM clustering techniques. Used various evaluation metrics like Elbow and Silhouette scoring to choose optimal clusters, and visualized results using PCA and Seaborn.

Link: <https://phs-countrycluster-ml.streamlit.app/>

- **Regression - Used-Car Price Prediction:**

Built and deployed a regression model using regression techniques to predict car resale prices. Integrated the model into a Streamlit web app with a clean UI for users to test the app in real-time.

Link: <https://dphscarpredpy.streamlit.app/>

Education:

B.Com – Sarvodaya First Grade College, 2014

Data Science & Machine Learning – Scaler EdTech, 2025