**Shrinivasa PH**

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**LinkedIn**:[linkedin.com/in/shrinivasa-ph-bb96a31b5](http://linkedin.com/in/shrinivasa-ph-bb96a31b5) | **GitHub**: <https://github.com/ShrinivasaPH>

**Portfolio:** https://shrinivasaph.github.io/Data-Scientist-Portfolio-Shrinivasa-PH/

**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:** ArtificialNeural 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

* Played a pivotal role to curate semi-automation mechanisms on regulatory compliance of products on amazon website.
* Implemented ML clustering models, increasing product classification accuracy by 15%.
* Extracted business insights through SQL and Tableau, inferencing & highlighting key factors & strategies in the process.
* Developed Python and VBA based semi-automation tools, reducing manual hours of recurring reporting-tasks by 20%.
* Spearheaded the launch of Query Management System (QMS), a tool which addressed the process ambiguities among associates & legal teams in terms of predefined rationales, resulting in a reduced 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-advices 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, trafilatura & 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