Shrinivasa PH

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LinkedIn: 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 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:

- **Programming:** Python and SQL.
- **Machine Learning:** Linear & Polynomial Regression, classification, Ensemble modelling and Clustering.
- **Deep Learning & Artificial Intelligence:** Artificial Neural Network, Transformers, Natural Language Processing (NLP), Computer Vision (CV), Transfer Learning.
- **Visualization & Analytics:** Tableau, Advanced Excel.

Professional Experiences:

Experience 1:

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 ambiguities among associates & legal teams in terms of predefined rationales, cutting query backlog by 60%.

Experience 2:

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 book closures while reconciling accounts with 100% accuracy.

  Project Transition at DXC Technology - (Ukraine - Onsite)

  - Conducted international process-transition projects from Ukraine and Romania marketplaces, 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 internal teams on the newly conceived projects and onboarded them successfully.

AI and ML Projects

- **NLP Based 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/

- **Economic Clustering 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 Based 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