

Subhradip Halder

Kolkata, West Bengal, India



subhradipmsm@gmail.com



+91-7980895179



[linkedin.com/in/deephaldar](https://www.linkedin.com/in/deephaldar)

Summary

QA Exp:

- 9.5 Years in Fintech consulting experience with Deloitte USA.
- nCino certified Salesforce CRM QA functional lead & extensive knowledge working as in agile and scrum implementation projects as assistant manager.
- 6 years' experience working in Finance and Banking industry & 3 years' experience working in healthcare insurance industry.
- Part of E2E QA cycle of web and mobile applications and was accountable for all QA related activities in the project , working in a onsite - offshore work environment.

Data Scientist/Analyst Exp:

- Experienced on Machine Learning models with advanced proficiency in Python and R
- Experienced on Data Science libraries (Pandas, Numpy, Scikit-learn, seaborn, Matplotlib, Scipy, etc).
- Extensive knowledge of Natural Language Processing (NLP) with NLTK & Spacy libraries.
- Worked with Deep learning libraries Keras, Tensorflow and good understanding of Statistical Analysis , Regression, Machine Learning Algorithms.
- Extensive experience in Data Analysis and SQL Queries and worked on multiple Microsoft Power BI and Tableau projects.
- Data Science Certified by ExcelR Solutions USA with distinction.
- MS - Data Science and Economics from University of Milan , Italy(Thesis pending)

Experience



Data Scientist Freelancer

Upwork

Jan 2021 - Present (1 year 3 months +)

- Using Random Forest Classifier with parameter tuning to identify the risk-involved customers and selecting the important features of the model impacting the decision.
- Movie Recommendation Engine (Recommendation system) .Used TMDB dataset of 5000 observations to build the application. For preprocessing used NLTK libraries and used Cosine similarity for recommending movies and then used streamlit and Heroku for deployment.
- Used KNN machine learning algorithm and hierarchical clustering on a wine dataset to predict the wine type and compare the output of KNN with the clustering output.
- Using Random Forest and Decision Tree algorithm to identify High-Risk(Fraud) customers in Banking/ Insurance sectors.
- Used Multinomial Naïve Bayes to predict salary of employees.
- Kaggle Competition(2nd Rank) – Car Prices Prediction
- ** Used Lasso Regression for feature selection, elimination of redundant columns.

Used GridSearch and cross-fold validation technique with Random Forest Regressor to predict the price of the cars(test data).

Calculated the accuracy of the model using RMSE measure.

- Movie Recommendation Engine (Recommendation system) –

** Used TMDB dataset of 5000 observations to build the application. For pre-processing used NLTK libraries.Used Cosine similarity for recommending movies.Finally used streamlit and Heroku for deployment.

** Worked on SQL and MySQL projects to analyse Covid 19 world data and then visualized it using Microsoft Power BI and Tableau.

** Worked on big data projects using vaex library to analyse and predict data for 30million rows.

Data Science Intern

INNODATATICS * Innovation | Data | Analytics

Sep 2021 - Feb 2022 (6 months)

Project 1

Abusive Email Classification using NLP.

Process emails and predict the sentiment then flag mails which are abusive(sexual,racist,harassment).

- Used NLTK and Spacy to clean and preprocess raw data.
- Used machine learning algorithms and Neural Networks to fit the best model.
- Deployed the app in Streamlit and Heroku for deployment.

Project 2

Predict genre of a summary/description entered by user and then recommend the most similar books.

- Scraped 6000+ books data from goodreads.
- Performed text preprocessing using NLTK library.
- Performed model building using KNN for genre prediction to get the best suited genre for the user entered summary/description.
- Recommended 5 most similar books based on cosine similarity and then deployed in Streamlit.

Fintech Consultant | Salesforce nCino CRM functional QA lead

Deloitte

Jun 2010 - Jun 2019 (9 years 1 month)

- 9.5 Years in Fintech Consulting with Deloitte USA as nCino certified Salesforce CRM functional QA lead with extensive knowledge working as in agile and salesforce.

- Daily tasks included - Understanding requirements, assigning story points to QA stories, delegating work to QA analysts and also working myself on end to end testing on projects.

- Experienced in finding bugs and verifying fixes using JIRA

- Experienced in end to end testing and verifying bugs in a testing or staging environment, and sending them back to dev with helpful feedback, or marking them as fixed in JIRA.

- Experienced in browser based testing on web applications and mobile applications.

- Experienced working with SQL server and MySQL. Intermediate SQL hackerrank certified

- Used version control software GIT to push own code and also to track project changes .

Education



Università degli Studi di Milano

Master of Science - MS, Data Science and Economics

2019 - 2022



Bangalore University

Bachelor's degree, Computer Science

2007 - 2010

Licenses & Certifications



Certified Scrum Master - Scrum Alliance

Issued Jun 2013 - Expires Jun 2014

259573



Insights on Automotive design

3F52B1D9EF4343F79E14183B9A9ED8D6



Python 3 Developer - Sololearn



Admin Beginner - Trailhead by Salesforce



Developer Beginner - Trailhead by Salesforce



nCino technical certification program - nCino, Inc.



The Data Scientist's Toolbox - The Johns Hopkins University

FWCF4AJXPYXF



R programming for Data Science - The Johns Hopkins University

HVR5YED74M5Q



Data Science - ExcelR Solutions

11346/EXCELR/03092021



SQL Intermediate - HackerRank

BDC87108FD37

Skills

Data Science • Machine Learning • Deep Learning • TensorFlow • Python (Programming Language) • Keras • Tableau • K-Nearest Neighbors (KNN) • Pandas (Software) • Seaborn