LOVEPREET SINGH

DATA SCIENTIST

+91 9779720767
slovepreet435@gmail.com
www.linkedin.com/lovepreet009
Hoshiarpur, Punjab
LovepreetSingh-09

SUMMARY

An enthusiastic learner seeking a full-time position in the field of Data Science and Machine Learning where I can expand my knowledge, learn new skills and contribute to the growth of the company.

TECHNICAL SKILLS

- Programming languages :–
  Python, R, C, C++
- Data Modelling:–
  Numpy, Pandas, Scikit-Learn, Tensorflow
- Data Visualization:–
  Tableau, Matplotlib
- Data Management:–
  MySQL, MS-Excel, Salesforce, Hadoop
- Platforms:–
  Unix, MS Window7, 8, 10, 11

CERTIFICATIONS

- Applied Data Science with Python Specialization | University of Michigan | Sep'20
- Data Engineering, Big Data and Machine Learning Specialization | Google | Oct'20
- TensorFlow Developer Certification Program | DeepLearning.AI | Oct'20
- Natural Language Processing Specialization | DeepLearning.AI | Nov'20
- AI in Medicine Specialization | DeepLearning.AI | Nov'20
- Salesforce Developer Certification | Grazitti | Jan'23 - Mar'23

POWER SKILLS

EXTRA CURRICULAR ACTIVITIES

- Class-Representative in B.tech in LPU | Jan'20-Aug'20
- ASME Coordinator in LPU | Oct'18

TRAINING PROGRAM

❖ Salesforce Developer Training   Jan'23 -Feb'23
   Online

- Gained hands-on knowledge in Customer Relationship Management (CRM).
- Learned to manage data and to use it to create reports and dashboards.
- Worked on Data Security to prevent sensitive data by setting permissions, roles, hierarchies and also using security at object, field and record level.
- Learned to automate tasks like record creation, updation, sending emails etc.
- Used Customer Service template to create website with chat snap-ins and knowledge.

❖ Industrial Training   Jun'18 - Jul'18
   Sonalika International Tractors Ltd. |Hoshiarpur, Punjab

- Worked in the engine assembly department to gain insights of various engine parts.
- Managed engine specifications related data to make reports using Ms-Excel.

PROJECTS

❖ WEB APP FOR PNEUMONIA CLASSIFICATION   Sep'21 - Oct'21

- Created a convolutional neural network model by using tensorflow to classify pneumonia from x-ray images.
- Used several libraries such as scikit-learn, numpy and matplotlib to evaluate and visualize the model performance such as precision, recall and accuracy using different model parameters.
- Best model achieved 95% accuracy on the test dataset.
- Created a web application using flask to upload x-ray images of lungs.
- Integrated the developed model with the web-app to present the prediction and probability.

❖ US COVID-19 CASES ANALYSIS AND PATTERN PROJECTION   Sep'20

- Used pandas library to import and clean the dataset and then to transform it into proper date and time format for analysis and visualization.
- Used matplotlib and seaborn libraries to present the number of daily cases and deaths in different bar graphs.
- Used lines on the same graph to present 7-day moving average for cases and deaths respectively to present the pattern formation.
- Highlighted top 5 states in terms of both cases and deaths on the respective graphs.

ACHIEVEMENTS

- Secured 1st Position in Essay Writing Competition   Jan '14
- Awarded Certificate of Merit by GNP   May'14
- Winner of Cricket Tournament at Khanpur   Apr '21

EDUCATION

- M.Tech. in Data Science and Analytics   Aug'22 - Present
  Lovely Professional University|Phagwara, IN
  CGPA - 9.21
- B.Tech. in Automobile Engineering   Aug'16 - Aug'20
  Lovely Professional University|Phagwara, IN
  CGPA - 8.68
- Higher Secondary (Non-Medical)   Apr'14 - Mar'16
  Rayat Bahra School of Education | Hoshiarpur, IN
  Percentage - 80.41%