



DATA SCIENCE, MACHINE LEARNING,  
ARTIFICIAL INTELLIGENCE

# SOHAG DAS SOURAV

## GET IN CONTACT

✉ [sdsouravg1580@gmail.com](mailto:sdsouravg1580@gmail.com)

📍 *Dhaka, Bangladesh*

🌐 <https://www.linkedin.com/in/sohagdassourav/>

🐙 <https://github.com/SdSourav/>

## CERTIFICATIONS

- IBM Data Science Professional Certificate
- Tensorflow specialization certificate
- Deep learning Specialization certificate
- Python programming track
- Data scientist with python track

## SKILLS

- Python
- Pandas
- Matplotlib
- Seaborn
- Numpy
- Data Cleaning
- Data Visualization
- Probability/ Statistics
- Data Manipulation
- Tensorflow
- Deep learning models
- SQL
- APIs
- Scrapy
- BeautifulSoup
- Sklearn

## PROJECTS

### DEEP LEARNING

- Neural Network Visualizer Web App with Python
- Image Data Augmentation with Keras
- Image Compression with K-Means Clustering
- Image Data Augmentation with Keras
- Computer Vision - Object Tracking with OpenCV and Python
- Image Classification with CNNs using Keras
- Named Entity Recognition using LSTMs with Keras
- Perform Sentiment Analysis with scikit-learn
- Horse or human classification using tensorflow
- Image Compression with K-Means Clustering
- Build Multilayer Perceptron Models with Keras
- Classification with Transfer Learning in Keras

### MACHINE LEARNING

- Predict Employee Turnover with scikit-learn
- Unsupervised Machine Learning for Customer Market Segmentation
- Build a Machine Learning Web App with Streamlit and Python
- Predicting House Prices with Regression using TensorFlow
- Co2 emission prediction using the regression
- Support Vector Machines with scikit-learn

## EDUCATION HISTORY

### MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY

Bachelor of Science in Industrial Engineering,

- Currently working on a deep learning thesis project

## EXPERIENCE

### LAFARGEHOLCIM, INTERN

- Optimization in supply chain
- Application of optimization tools