



Data Scientist | Software Developer
| Masters – Data Science |

Deepansh Pandey

📅 01 July 1994

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Skills

➤ Programming Languages

- R
- Python
- Java
- JavaScript
- HTML5
- CSS3
- SQL
- Scala

➤ Operating System

- Linux
- Windows

➤ Databases

- Oracle
- Neo4j
- MongoDB

➤ Areas of Interest

- Deep Learning
- Data Analysis
- Machine Learning
- Frontend Development

Languages

German

English

A2

C1



WORK EXPERIENCE

Data Scientist

12.2018 - Present

Generali Deutschland

- Automatic fraud claim detection using machine learning for new claims.
- Sentiment Analysis of customer emails.
- Data Enrichment and Feature Engineering for increasing accuracy of machine learning models
- Anomaly Detection using neural networks for increasing profitability.
- Data and result visualization using R shiny framework.

Software Developer

07.2016 – 08.2017

NIIT Technologies

- Accountable for 6 flight data manifest applications.
- Migration of VBA code to Java Spring Framework optimizing its performance.
- Automation of Invoice Generation using Oracle Application Express reducing workload from managers.
- Awarded with **Outstanding Performance Award**
- Awarded with **Certificate of Appreciation**



EDUCATION

Master - Computer Science

10.2017 - Present

Rheinische Friedrich Wilhelms-Universität

Research Topics – Natural Language Processing, Deep Learning, Machine Learning, Data Science

Thesis – Question Answering Using Generative Adversarial Neural Networks and reinforcement learning

Bachelor - Computer Science

08.2012 – 05.2016

Amity University, India

Thesis – Email Classification using Supervised Learning

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Research Paper

Automatic Email Classifiers Using Supervised Learning

Published In –
International Journal of Software and Web Sciences (IJSWS)

Issue – 18
Volume – 1
Paper Code – ISJWS 16-308

- Participated in 9 conferences and summer schools across Europe

Social Links

LinkedIn

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

Website

deepanshpandey.in

Github

github.com/tdeepanshpandey

Xing

[xing.com/profile/deepansh_pandey2](https://www.xing.com/profile/deepansh_pandey2)



OPEN-SOURCE CONTRIBUTION

Machine Learning

- Heuristic vs Random Approach comparison for Tic Tac Toe game
- Time Series Analysis Using Shiny Framework R for Bike Dataset

Deep Learning

- Transfer Learning for DCGAN on food picture dataset
- ResNet implemented on soccer dataset
- RNN on Google Stock Price Dataset

Natural Language

- Text Generation by LSTM for Moby book first four chapters
- Topic Modelling Quora Question Dataset

40+ opensource contribution available on my GitHub profile.



FURTHER COURSES (ONLINE COURSES)

Programming Languages

- Complete Python Bootcamp: Go from zero to Hero in Python
- R Programming A-Z™: R for Data Science
- R Programming: Advanced Analytics in R for Data Science

Machine Learning

- Machine Learning A-Z™: Hands on Python & R
- Machine Learning by Andrew NG, Stanford University

Big Data and Cloud Computing

- Google: Cloud Platform Fundamentals
- Scala and Spark for Big Data and Machine Learning

Deep Learning

- Deep Learning A-Z™: Hand's on Artificial Neural Networks
- Artificial Intelligence: Learn How to Build An AI
- Sequence Models by deeplearning.ai
- Introduction to Deep Learning
- Build Basic Generative Adversarial Networks

Natural Language

- Natural Language Processing with Python
- Enrolled in NLP Specialization on Coursera