# Chopra A

Data Scientist, 6+ years experience
Bengaluru, India
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Passionate and analytical Data Scientist with a knack for turning raw data into actionable insights. Skilled in machine learning, statistical analysis, and predictive modeling to drive informed decisions and innovation.

**INDUSTRIES:** Healthcare, Urban Planning

## TECHNICAL SKILLS

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|---|---|
| • Machine Learning | 6 years |
| • Statistical Analysis | 6 years |
| • Python | 6 years |
| • Data Visualization | 5 years |
| • R | 5 years |
| • Deep Learning | 4 years |
| • GIS | 4 years |

## SOFT SKILLS

creative problem-solving, cross-disciplinary collaboration, storytelling with data

## PROJECT DETAILS

• HealthAI March-2020 - Present

Project Description: Contributed to HealthAI, a research initiative aimed at improving medical diagnosis using AI. Leveraged deep learning techniques to enhance the accuracy of automated medical image analysis and detection of anomalies.
Responsibilities: Developed convolutional neural networks (CNNs) for MRI analysis, collaborated with medical professionals to validate results, and presented findings at international conferences.
Technologies: R, Deep Learning, Medical Imaging
Industry: Healthcare

• UrbanSense July-2018 - December-2019

Project Description: Led a team in developing UrbanSense, an AI-powered urban planning tool. Utilized machine learning and geographic information systems (GIS) to analyze city data and optimize resource allocation for sustainable urban development.
Responsibilities: Designed predictive models for traffic flow, air quality, and energy consumption, collaborated with urban planners to integrate insights into city planning, and delivered interactive data visualizations to city officials.
Technologies: Python, TensorFlow, GIS
Industry: Urban Planning

## EMPLOYMENT HISTORY

• Data Scientist May-2018 - Present

Description: As a Data Scientist at DataTech Innovations, I analyze complex data sets to extract valuable insights and drive data-driven decision-making.

## CERTIFICATION

- Deep Learning Specialization by Coursera 2020
- Machine Learning Specialization by Coursera 2019

## EDUCATION

- Ph.D. degree in Computer Science from Indian Institute of Technology (IIT), Delhi 2013 - 2018

## LANGUAGES

- English - advanced

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