

# Pranjal Dubey

Columbia, MO 65201

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Willing to relocate: Anywhere

## Work Experience

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### Machine Learning Engineer

Office Depot - Pune, Maharashtra

- Developed predictive model for the VIP loyalty customers based on marketing data analysis for Office Depot.
- Developed predictive model for product embedding Word 2Vec and Item2Vec on supply chain data for Office Depot.
- Developed predictive model for back-to-school to calculate the number of items available at each store.

### Data Scientist

NETXCELL LTD (STATIONED AT STATE BANK OF INDIA GLOBAL IT CENTRE) - Mumbai, Maharashtra

- Developed and designed an automated model using machine learning and NLP for Image, Text and Signature. extraction from official documents.
- Applied loss functions and variance explanation techniques to compare performance metrics.

### ANALYST-DATA SCIENTIST

KROLL, DUFF AND PHELPS GLOBAL LLP. MUMBAI - INDIA - Mumbai, Maharashtra

- Designed and Built model for Loan database handling process for financial accounting.
- Built SQL scripts for loading loan tapes and modeling loan valuation script through python.
- Predicted loan valuation using time series & optimization techniques.
- Transferred the scripts to Azure server for automation.

### Big Data Analyst

SQUARE YARDS, PROPERTY CROW SERVICES (PROPS-AMC), MUMBAI - INDIA - Mumbai, Maharashtra

- Designed and developed data scrapping tool in python which is used to scrap public domain source.
- Implemented machine learning algorithms to convert raw unstructured data into information.
- Performed the comparative analysis over parameters and generated a detailed report for client.
- Developed an automated 'Zone Matrix' tool for real-estate data visualization.

## Education

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### Master's degree in Data Science and Analytics

University of Missouri-Columbia - Columbia, MO

Present

### Master's degree in Masters of Engineering- Computer Science

Rajiv Gandhi Technical University, India - Bhopal, Madhya Pradesh

## **Master's degree in Masters of Business Administration- Information Technology**

Sikkim Manipal University, Directorate of Distance Education, - Gangtok, Sikkim

## **Bachelor's degree in Bachelor of Engineering- Computer Science Engineering**

Chhattisgarh Swami Vivekanand Technical University - Bhilai, Chhattisgarh

### Skills

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- Machine Learning
- Python
- AWS
- SQL
- Azure
- Java
- Microsoft SQL Server
- Data Science
- Analytics
- Data Warehouse
- Computer Science
- Git
- Data Visualization
- R
- Natural Language Processing
- MySQL