

# Adarsh Maurya

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## EXPERIENCE

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- **Mu Sigma Inc** Bengaluru, Karnataka  
*Trainee Decision Scientist* August 2018 - Present
  1. Developed an end-to-end automated tool to approve Credit Line Increase request saving more than \$2M per month for the largest home retailer based out of US
    - **Data Extraction:** Built a system to extract and store key metrics from credit reports(PDFs) to MySQL database
    - **Modeling:** Mapped the credit reports to transaction data to build a classification model which identifies customers who have less chance of default
    - **Dashboard:** Provided analytical and reporting support to the clients by building a PowerBI dashboard to track the decisions beign taken by the model
  2. Created an impact for the second largest search engine by automating daily and weekly payment reports thus saving 60+ hours of manual labour

## PROJECTS

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- **Easyvenv:** A lightweight alternative to Python's virtualenv to create, list and remove virtual environments  
<https://github.com/adarsh9780/easyvenv>
- **Wiki:** A command line python tool to read and save wikipedia articles as text file <https://github.com/adarsh9780/wiki>
- **PySQL:** A python library to replace long and repetitive queries with functions to integrate the result of the query with other development projects <https://github.com/adarsh9780/pysql>
- **2Do:** A web based reminder app to manage and schedule daily task <https://github.com/adarsh9780/2do>

## EDUCATION

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- **Dr. BR Ambedkar NIT Jalandhar** Jalandhar, Punjab  
*Bachelor of Technology in Instrumentation and Control Engineering; CGPA: 6.76* Aug 2014 – June 2018
- **Budha Dal Public School** Patiala, Punjab  
*Non Medical; Percentage: 91%* March 2013 – March 2014

## SKILLS

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- **Languages:** Python, SQL
- **Data Analysis & Visualisation:** Pandas, Sklearn, Numpy, Matplotlib, Seaborn, PowerBI
- **Others:** Regression, Classification, Regular Expressions, Image Preprocessing, Machine Learning Pipeline, Django, GCP

## COURSES & CERTIFICATIONS

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- **Relevant Courses:** Operations Research, C, C++, Data Structures & Algorithms, Numerical Methods
- **Certifications:** Python; [University of Michigan](#)

## INTEREST

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- Badminton
- Cricket
- Basketball
- Reading about Technologies