# ABHISHEK RAWAT

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I'm an Analytics and Finance Enthusiast, actively looking for job opportunities that require analytical capabilities and problem-solving skills—experienced in SQL, Excel, and Pandas.

## EDUCATION

○ **Department of Textile Technology**
Indian Institute of Technology, Delhi
*07/2016 - 07/2020*

## PROECTS

○ **Analysis of Shipping Worksheet**
Data Analysis
*Achievements/Tasks*
- Used Advance Microsoft Excel to create Filters, Charts, Pivot Tables and Pivot reporting as well as used VLOOKUP, SUM, SUMIF, IF, Nested IF functions.
- Determined the Sales by various categories and Cost of Shipping by Filtering and sorting. Also Compared the Pivot Chart between different Customer Segment.

○ **Analysis of Bihar Assembly Electoral Data**
Data Analysis
*Achievements/Tasks*
- Using functions of both Excel as well as Pandas.
- Determined the winning party, swing seats, tri-polar constituencies, stronghold party-seats, top 8 parties in each election, growing and declining seats for every election at the state level.

○ **Analysis of Player Added/Withdrawal Amount**
Data Analysis
*Achievements/Tasks*
- Using GroupBy with aggregate functions, Merge, Concat, IsIn, Pivot Table and various other function of Pandas.
- Determined the various queries to find the Amount per Player per Day by grouping PlayerID, Players data at particular transaction day with conditions , etc.

○ **House Prediction Problem Using Supervised Learning (2019)**
Machine Learning
*Achievements/Tasks*
- Used Linear Regression to predict the Housing prices by using Gradient Descent and Optimizing the Cost Function.
- Predict the Housing prices using number of parameters and obtain the same result by implementing Normal Equation.

○ **Heat and Mass Flow-Through MultiLayer Extreme Heat Protective Fabric**
Indian Institute of Technology, Delhi
*07/2019 - 07/2020*                                     *Prof. Apurva Das*
*Achievements/Tasks*
- Heat and Mass Transmission through Single as well as Assembly of all layers of Extreme Heat Protective Clothing.
- Analyse Structural & Physical property of fibers on the performance of Protective Clothing and working on Micro-Climate.

## SKILLS

Pandas    Excel    SQL    Python    Tableau

Matplotlib    Machine Learning    HTML5    CSS

## WORK EXPERIENCE

Nissenken Quality Evatuation, Jaipur (05/2018 - 07/2018)
- Inspected Color Fastness of fabric sample against Washing, Rubbing, Perspiration, Dry-cleaning, Bleeding, Water spotting, Chlorinated water; prepared artificial solution and rated on grey scale.
- Tested the Physical Properties of the substrate and Achieved 30% increase in physical properties of textile substrates by altering mechanical and technical variables involved.
- Researched possible ways to dec. contraction & expansion by 40-50% after washing of garments at manufacturing stage.

## POSITION OF RESPOSIBILITY

• Captain, Hostel's Athletics Team (07/2018 - 05/2019)
*- Managed budget, equipment and Athletics Team Practice and was unanimously elected among 400+ hostel members.*

• Co-Ordinator Infrastructure, Open House,IITD (03/2018 - 04/2018)
*Led 2-tier team of 20 Central Team Member and 10+ Volunteer and Planned and fulfilled Infrastructural and logistical requirements.*

• Co-Ordinator Food and Catering , Open House,IITD (03/2019 - 04/2019)
*Worked with the faculty Co-ordinator to finalize the list of possible Vendors and ensure proper execution of the event.*

• Worked as a Campus Ambassador on the campaign managed by Frapp.

## ACHIEVEMENTS

• Cultural Activities(Dramatics)
*- Winner, Inter Hostel Street Play, BRCA IIT Delhi: Ensured hostel's 1st position (2017-18) AND 2nd position(2018-19).*

• Sports (Hockey)
*Won Bronze Medal in Udghosh, Sports fest of IIT Kanpur, largest Inter-college tournament of North India (2017).*

• Awarded by Outstanding Contribution to Hostel by BHM, 2019
*For improving the Hostel in various sectors.*

## CERTIFICATES

1. SQL for Data Science      2. Data Analysis Using Excel

3. Pandas Python Library for Beginners in Data Science

4. Intermediate Pandas Python Library for Data Science

5. Merge, Sort and Filter Data in Python Pandas