# Abhishek Tyagi

⊙ Muradnagar(201206),Ghaziabad,Uttar Pradesh (IN)

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Physics enthusiast with excellent analytical skills.Proficient in Python, SQL, and advanced MS Excel. With a scientific attitude and curiosity, I am a naturally curious, outgoing person with a talent for uncovering patterns and insights in large, complicated data sets. I am constantly willing to learn new skills. I'm looking to work in a tough and competitive workplace where I can put my expertise to use and make a meaningful impact.

## Education

**Jamia Millia Islamia**
Physics with Specialization in Material Science
**October 2021-May 2023**
Master of Science (M.Sc.)

**University of Delhi**
Physical Sciences
**August 2017-August 2020**
Bachelor of Science (B.Sc)

## Skills

Research Methodology

Critical Thinking

Problem Solving

Research Methodology

Exceptional communication and interpersonal skills

Detail-oriented

## Achievements

**Cleared National Level Entrance Exam For M. Sc. Physics**

IIT JAM(AIR 895), PU(AIR 2), AMU(AIR 38), JMI(AIR 17), BHU PET(AIR 65)

**Academics**

- Ranked 3rd in Secondary School.

- Ranked 1st in the Science Stream in Higher Secondary School.

## Languages

English          Hindi

## Interests

Research and Innovation in Physics

Exploring Advanced Analytical Techniques

Mythology

## Profiles

in **abhishek-tyagi34**
LinkedIn

○ **AbhishekTyagi21**
Github

## Projects

**EDA using python on Hotel Booking Dataset**
🔗 https://t.ly/kGHm4

- Made Calculated Fields to derive new metrics such as revenue,total stay duration and total family members.

- Plotted charts to exhibit the revenue trends, place of origin of customers and customer segments.

**Structural and Thermal Analysis of chalcogenide glasses**
Under the supervision of Prof. Mohammad Zulfequar (Hony. Director,MCARS, JMI)          **January 2023-April 2023**

- Conducted research for Master's thesis on 'Thermal Analysis of Chalcogenide Glasses', pioneering improved ways to unravel their structural and thermal properties using multiple characterization techniques.

## Certifications

**Advanced Certification in Full Stack Data Science and Artificial Intelligence**
Issued by Almabetter in association with E&ICT Academy, IIT Guwahati          **October 2023-Ongoing**

## Professional Association

**ORBITX INDIA AEROSPACE**

- Part of the Space program Research/internship team of Orbitx India Aerospace.

## Tech Stack

**Platforms**

**For SQL and Python**

Jupyter Notebook, Google Colab, PostgreSQL, VS Code, MS Excel

**For Interactive scientific graphing**

Originlab

**Python Libraries**

Numpy, Pandas, Matplotlib, Seaborn

**MS Office**

- Microsoft Excel , Microsoft word, Microsoft Powerpoint