



# Akhilesh Singh Yadav

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## Summary

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Aspiring M.Sc. Computer Science - Data Analytics student with a keen interest in Data Science, possessing strong analytical skills and proficiency in Data Analytics, Machine Learning, and EDA.

## Skills

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<b>Technical Skills</b>	Python, R, Excel, SQL
<b>Tools/Frameworks</b>	Tableau, Power BI, Laravel, XAMPP, VS Code, Jupiter, Google Collab
<b>Soft Skills</b>	Communication, Innovation, Teamwork/Collaboration
<b>Others</b>	Orange (Data Mining), HTML, CSS

## Projects

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- **Analysis on Watershed Projects in India**

The study explores how watershed initiatives in India have been implemented - looking into the planning, fund allocation, and the actual impact on communities. There's also a forecasting element to estimate costs based on location and funding trends.

*Technologies Used:* Python, Google Collab, VS Code, Power BI.

- **Oxygen Level Detection in Lakes**

Developed a predictive model to analyze infant data for predicting oxygen level in lakes.

*Technologies Used:* Python (Pandas, Numpy, Seaborn, Matplotlib, Scikit-learn)

- **Sales Dashboard**

Built an Ecommerce sales dashboard to track key performance indicators (KPIs).

*Technologies Used:* Power BI

- **Hotel Booking Website**

Developed a comprehensive Hotel Booking website as part of an BCA project. The platform allows users to search for hotels, view room details, and make reservations online.

*Technologies Used:* HTML, CSS, JavaScript, Xampp.

- **DocCure – Online Medical Store**

DocCure is a web-based medical store where users can browse and order medicines online. It's designed to make access to healthcare easier by allowing users to place orders from home.

*Technologies Used:* Laravel, HTML, CSS, JavaScript, PHP, XAMPP

- **Home Worker Web Application**

The project “Home Worker” is a web-based application designed to assist homeowners in managing and organizing their home repairs and maintenance tasks.

*Technologies Used:* HTML, CSS, JavaScript, PHP.

## Education

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<b>2023 - Present</b>	M.Sc. Computer Science (Data Analytics), <b>Rajagiri College of Social Sciences, Kalamassery</b>
<b>2020 - 2023</b>	BCA, <b>Chinmaya College of Arts, Commerce and Science, Tripunithura</b>
<b>2017</b>	Class 12, <b>Navy Children School, Kochi</b>
<b>2015</b>	Class 10, <b>Navy Children School, Kochi</b>

## Internships

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- **Content Research Internship** *10 Jan 2021 – 10 June 2021*

I completed a 6-month internship at **Edapt** as a **Content Research Intern**. My role involved researching and curating content for educational courses on emerging technologies like Artificial Intelligence, Quantum Computing, and other advanced topics such as Blockchain, IoT, and Augmented Reality. It gave me a solid understanding of how these technologies are shaping the future and how to break down complex concepts for learners.

- **Data Analyst, KVJ Analytics** *Jan 2025 - Present*

At KVJ Analytics, I utilize Power BI, Python, data modeling, and machine learning techniques to extract insights from large datasets, ensuring data is cleaned, processed, and visualized effectively to support strategic decision-making.

## Certifications

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- **Power BI Fundamentals (2025) - DataCamp**
- **Project Completion** (*Watershed Projects in India, 2025*) – **KVJ Analytics**
- **HTML Training** (*11<sup>th</sup> November, 2021*) – **IIT Bombay**
- **Core Python and Data Science** (*31<sup>st</sup> May, 2022*)
- **Project Completion** (*Home Worker Web Application, April 23, 2023*) – **Exploric**
- **Content Research** (*June, 2021*) – **Edapt**

## Achievements

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- Event coordinator for Euphoria (Drone Show) National Level Gaming Event - **RCSS**
- Coordinator of Rural Sensitization Camp – **RCSS**