

# Nitin H. Vairal

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## EDUCATION

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**S N Arts, D.J. Malpani Commerce, and B.N. Sarada Science College**

*Master's degree in Mathematics* CGPA: 8.63

Sangamner

Mar 2020 - Jul 2022

**Agasti Arts, Commerce, and Dadasaheb Rupwate Science College**

*Bachelor of Science (B.Sc)* CGPA: 7.25

Akole

Jul 2027 - May 2020

## SKILLS

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**Analytical Tools:** Advanced Excel, Tableau, Power BI

**Programming Language:** SQL, Python, R

**Database:** MySQL, PostgreSQL

## WORK EXPERIENCE

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**SaiDeep Classes**

*Mathematics Teacher*

Kotul

Jun 2019 - Mar 2021

- Provided instruction to 150 students in 25-student classrooms and adapted teaching style to meet the best interest in the subject matter
- Teach Pre-calculus, Algebra, and Statistics to different class levels while developing effective plans and learning materials
- An increased pass rate of students on board test results from 15% to 40%

## PROJECTS

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**Sales Insights - Vrinda Store [Microsoft Excel, SQL]**

- Developed an interactive Excel dashboard to analyze customer behavior and sales trends for Vrinda Store.
- Synthesized complex sales data into actionable insights using Excel and presented findings to Vrinda Store management.
- Designed and implemented a custom Excel dashboard that increased revenue by 7% for Vrinda Store.

**HR Data Analytics – HR Domain [Power BI | Excel]**

- Designed a Power BI dashboard to track employee data for the HR team, including working hours, attendance, performance, and leaves. The dashboard streamlined HR processes and increased efficiency.
- Automated HR processes through the development of a streamlined Power BI dashboard, saving the HR team 3-4 hours of work daily.

**T20 World Cup Cricket Data – Cricket Analysis [Python | Web scrapping | Pandas | Power BI]**

- Created a Power BI report to identify the top 11 players for a T20 cricket team by scraping data from ESPN Cricinfo with a Brightdata website tool, cleaning and transforming the data with pandas, and evaluating various player performance metrics.
- Used the resulting Power BI dashboard to select players for various categories (openers, middle order/anchors, finishers, all-rounders, specialist fast bowlers) and ultimately choose the top 11 players to play in the match.
- The selected team using the Power BI dashboard has a 90% of the chances to win the game.

## ACTIVITIES AND INTERESTS

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**Languages:** Fluent in English; Conversational proficiency in Hindi, Marathi

**Certificates:** Google Advanced Data Analytics Certificate, IBM Data Analyst Certificate