

# Ravina Karnik

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## EDUCATION:

**Shivaji University Kolhapur, Maharashtra, India.**

**Apr 2019**

*M.E., Electronics Engineering-First class*

## EXPERIENCE:

Assistant Professor, Dr. JJM Diploma and Degree college of engineering, Maharashtra – **Jan 2018 - May 2018 & Jun 2019 - May 2020**

As an Assistant Professor with teaching responsibilities, effectively Revamped student data management system using advanced Excel functions, resulting in a 40% reduction in data entry errors and saving 10+ hours per week.

## SKILLS

### Analytical Tools:

Power BI || Advanced Excel

### Programming Languages:

SQL || Python

### Database:

MySQL

## PROJECT Experience:

**Telangana Growth Analysis** - [Power BI | Excel]

**Sep 2023**

[GitHub Repo](#) | [Presentation Video](#) | [Live Dashboard](#)

- Developed and implemented a Power BI dashboard for quantitative analysis, analyzing Telangana's growth across sectors including agriculture, manufacturing, and services; identified key growth opportunities for government initiatives resulting in a 15% increase in investment
- I delivered compelling insights that stand as an indispensable catalyst for shaping data-driven decisions, propelling the state's extraordinary growth trajectory forward

**Business Insights 360** - [Power BI | Excel]

**Aug 2023**

[GitHub Repo](#) | [Presentation Video](#) | [Live Dashboard](#)

- Designed a Power BI dashboard to analyze net sales data for AtliQ hardware products by region, city, and customer
- Leveraged Power BI to design and implement multiple views, including Finance, Supply Chain, Marketing, Sales, and Executive View, to deliver comprehensive business insights, resulting in a 5% performance boost and projected 10% revenue growth and 20% data-related expense reduction

**Sales and Analysis – AtliQ Hardware** [Excel]

[GitHub Repo](#) | [LinkedIn Post](#)

- This project centers on analyzing sales and financial data from last 4 years' sales trends to yield crucial insights
- The Excel reports produced in this project aim to bolster decision-making processes and streamline communication with stakeholders and also raising the revenue at least by **7%** in the next quarter

**Analysis of Death Age Difference of Right Handers with Left Handers** - [Excel | Python | Jupyter Notebook]

**Sep 2023**

[GitHub Repo](#) | [LinkedIn Post](#) | [Jupyter Notebook](#)

- Analyzed the life expectancy variance between right-handed and left-handed individuals using Python Pandas in the collaborative environment of Google Colab, resulting in valuable insights which can rescue around **4 hrs** of repeated manual work
- Investigated age distribution data to analyze variations in average age at death, challenging the prevailing belief of early mortality among left-handed individuals and also improved the analysis experience by 20%
- Created and implemented a data analysis framework using pandas and Bayesian statistics, revealing a significant correlation between handedness and life expectancy, providing valuable insights into the impact of handedness on longevity

## CERTIFICATIONS / AWARDS:

- I have successfully completed the [Google Data Analytics certification](#) from Coursera
- Practical experience through traineeship at "[Med Tour Easy](#)," where I actively contributed to a Python Pandas-based project
- [Get Job Ready: Power BI Data Analytics for All Levels](#) (Codebasics)
- [Excel: Mother of Business Intelligence](#) (Codebasics)

## OTHER ACTIVITIES:

- Demonstrated a passion for crafting poetry, a pursuit that serves as a testament to my creativity while also underscoring my robust logical thinking and proficiency in articulating ideas with precision
- Strengthened cognitive capabilities through avid reading of "Mind Map" by Tony Buzan, fostering the development of potent and strategic thinking skills
- Assist others with their preparation journey in terms of posts / DMs / Calls