

# Catherin Pullan

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🌐 Catherin Pullan

## Career Objective

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Motivated data analytics graduate skilled in data visualization, statistical analysis, and business intelligence. Proficient in tools like Tableau, Power BI, and Python, focusing on delivering actionable insights to enhance decision-making and operational efficiency. Eager to contribute fresh perspectives, grow with a forward-thinking team, and drive innovation through data-driven solutions

## Experience

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### Data Analyst

Extremaa Technologies

Kerala, India

May 2024 - April 2025

Part-Time

- Analyzed ERP data from schools, hotels and van sales to identify trends in performance, occupancy and product demand.
- Built dashboards for student related data, pricing optimization, and sales performance
- Created reports that improved academic outcomes, hotel efficiency, and route-level sales strategy

### Statistics Faculty

Christ Pu College

Bengaluru, India

June 2024 - March 2025

- Organized a college-level festival that showcased planning and leadership skills.
- Guided students for two research projects with hands-on Python and statistical analysis training.
- Serving as Faculty Coordinator for the Association of Christian Christites (ACC), fostering student engagement and leadership
- Mentored students participating in inter-college fests, achieving results.

### Data Scientist Intern

NAKHEEL

Dubai, UAE

Jan 2024 – May 2024

- Applied data fusion methodologies to analyse traffic, event, and community datasets.
- Synthesized diverse information for a holistic understanding of their combined impact.
- Utilized advanced techniques to derive actionable insights.
- Enhanced data-driven approaches for comprehensive analysis.

## Education

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Christ (Deemed to be University)- 'The Hub of Analytics' MSc in Economics Analytics

2022 – 2024

- **Coursework:** Machine Learning, Econometrics, Data Visualisation, Statistical Methods

Vimala College Autonomous Thrissur, University of Calicut

2019 – 2022

Bachelor of Science in Statistics

- **Coursework:** Game Theory, Time Series, R software, Mathematical Economics.

Crescent Public School

2018 – 2019

12th Grade

- **Coursework:** Physics, Chemistry, Mathematics, and Economics.

## Publications

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**“Assessing State- level Industrial efficiency in India”**

June 2022– Dec 2023

## Projects

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### **Industrial Efficiency of India Using DEA— Python, R- Software, MS Excel**

- The goal of the study is to determine the industrial efficiency of a few chosen Indian states using the DEA model (Data Envelopment Analysis).

### **Data modeling and dashboard: PowerBi**

- Designed and implemented a PowerBI dashboard for cycle sales data.
- Developed visualizations that highlighted key metrics for informed business decision making.

## Technologies

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**Languages:** Python, R, EViews, Stata **Libraries:** Pandas, Numpy, Seaborn, Sklearn, Plotly, GGplot.

**Process:** Data analytics, Industrial economics, Exploratory Data Analysis, Data Modelling

**Others:** Microsoft Suit, Jupyter Notebook, Visual Studio code, R studio, Tableau, PowerBi

## Courses Completed

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- Econometrics and statistics for Business in R and Python Advanced course in C++ and Python
- Introduction Data and Data Science Data Science Foundations Understand the basics of machine learning

## Seminar and Workshops

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- Power BI Advanced Training - Nakheel Data Management Team
- Webinar on “Public Policy in India” by Dr. B Sudheer, Professor and Head, Post Graduate Department of Economics, S.N College, Cherthala Alappuzha, Kerala, conducted by Christ University Lavasa Campus Pune
- Workshop on Research Methodology– Dr. Ashraf Pulikkamath
- Webinar on “Decoding the Union Budget 2023-2024”– Department of Data Science, Christ University, Lavasa

## Soft Skills

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- Communication skills
- Problem-solving
- Attention to detail
- Collaboration and teamwork
- Time management

I hereby declare that the above-furnished details are correct to my knowledge