

SATYAPRAKASH SETHY

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Professional Summary:

Embarking on my career in **Nov/2021**, I discovered a fascination with data and its ability to transform decision-making. This curiosity evolved into a passion for Programming and training, where I found my true calling empowering others to harness the power of technology. Through hands-on guidance in Python with focus on real-world applications, I’ve combined technical expertise with a drive to make learning impactful and engaging. My journey continues with a mission to innovate and inspire in the realms of training in data and technologies.

Education:

Gandhi Institute of Technology and Management
Bachelor of Technology **Bhubaneswar**

Experience:

SME:Trainer **02/2025**
ByteXL **Phagwara, Punjab**

- Conducting hands-on training in **Python, SQL**, and Data Structures & Algorithms (**DSA**) to prepare B.Tech students for **placements**.
- Guiding students in solving **150+** coding problems on **LeetCode**, GFG, improving their problem-solving skills and coding efficiency.
- Mentoring students in technical interview preparation, including resume building, mock interviews, and coding test strategies for top IT companies.
- Training students in SQL query optimization and database design to improve **efficiency** in handling real-world data.

Python & C++ Trainer **08/2024-12/2024**
IMARTICUS Learning **Yelahanka, Bangalore**

- Conducted** engaging lectures with practical examples and interactive sessions, fostering active participation and **collaboration** among students .
- Developed** and **administered** coding challenges and projects to enhance Python & C++ skills, promoting hands-on learning for their future career.
- Provided **comprehensive** instruction on essential Python libraries (NumPy, Pandas, Matplotlib, Seaborn) to equip students with tools for efficient development.
- Utilized feedback** to refine course content and teaching methods, ensuring continual improvement and alignment with student needs and industry standards.
- Mentored** a diverse cohort of **500+** students, offering **guidance on Python** careers and emerging industry trends to support their professional growth.

Python & SQLTrainer **04 / 2024- 07 / 2024**
Half Tech Webcycle Pvt. Ltd **Bhubaneswar, Odisha**

- Conducted comprehensive training sessions on **Python and SQL** for graduated students.
- Designed and delivered interactive modules covering **fundamental concepts** (data types, control structures, functions in Python, SQL queries) to **advanced topics** (object-oriented programming, database optimization).
- Developed **real-world coding exercises** to reinforce learning, including practical applications of **Python classes, inheritance, and polymorphism**, along with **SQL joins, indexing, and query optimization**.
- Assisted trainees in **debugging and optimizing Python code and SQL queries**, promoting **good programming practices and problem-solving skills**.
- Provided insights into **best practices for exception handling, performance optimization, and database management** in Python and SQL.
- Conducted **assessments and provided constructive feedback** to track progress and enhance learning outcomes.
- Successfully trained **300+ participants**, achieving **72%+ student satisfaction** on my content delivery.

Python Full Stack Trainer **02 / 2024**
ByteXL **Vadodara, Gujarat**

- Conducted** engaging lectures with practical examples and interactive sessions, fostering active participation and **collaboration** among students .
- Developed** and **administered** coding challenges and projects to enhance Python skills, promoting hands-on learning for full-stack development.
- Provided **comprehensive** instruction on essential **Python** libraries (NumPy, Pandas, Matplotlib, Seaborn) to equip students with tools for efficient development.
- Utilized feedback** to refine course content and teaching methods, ensuring continual improvement and alignment with student needs and industry standards.
- Mentored** a diverse cohort of **1500+** students, offering **guidance on Python full-stack** development careers and emerging industry trends to support their professional growth.

python Trainer **11/2022 – 05/2023**
Eureka Learnings **Bhubaneswar**

- Led** Python training sessions of **200+** students, managing curriculum development and assessments to create a dynamic learning environment for skill enhancement.
- Worked with trainers** in a team to improve study materials, ensuring they align with industry standards and **current trends** in Python.
- Utilized numpy, pandas, matplotlib, and seaborn to **improve** students grasp of **data manipulation and analysis techniques**.
- Adapted teaching methods to suit various learning styles, promoting a comprehensive understanding of Python programming concepts.

Data Science Job Simulation **03/2022 – 10/2023**
BCG X, https://tinyurl.com/DatascienceAnalyst **Remote**

Contributed real-world data projects from start to finish, including **business understanding, data analysis**, modeling, and actionable insights, in collaboration with an experienced team.

- Completed a customer churn analysis simulation, demonstrating advanced **data analytics skills**, identifying essential client data and outlining a strategic investigation approach.
- Conducted efficient data analysis using Python, including Pandas, NumPy and **SQL**. Employed data visualization techniques for insightful **trend interpretation**.
- Completed the engineering and optimization of a **random forest model**, achieving an **85% accuracy** rate in predicting customer churn.
- Completed a concise executive summary for the Associate Director, delivering actionable insights for informed decision-making based on the analysis.
- Enhanced data **quality** and **90%+** model **accuracy** via advanced techniques and analyzed datasets to identify customer behavior **pattern & trends**.

Data Analytics Virtual Experience **11/2021 – 03/2022**
Accenture North America, https://tinyurl.com/AccentureAnlytics **Remote**

- Completed a simulation focused on advising a hypothetical social media client as a **Data Analyst at Accenture**.
- Cleaned, modeled and **analyzed 7 datasets** to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the **client and internal stakeholders**.

Skills:

- Data Analysis** techniques Data Cleaning, Visualization, Statistics, EDA, Feature Engineering, Feature Selection, Data Processing, Mathematics, Statistics
- Strong **ability** to analyze datasets and **extract valuable insights** from renowned public databases like **Kaggle, the UN, and the US** government.
- Advanced** Statistical analysis, Descriptive Analysis, Time series analysis, Performance metrics, Funnel analysis, Sales analysis
- Proficient in **Python, Pandas, NumPy, Matplotlib, Seaborn, MySQL, Analytical skills**
- Strong Data Visualization skills by using tools **Power BI, Key Performance Indicators**, business metrics, Technical communication, Technical expertise
- Strong desire to work with **Turing** & help in foundational to making significant contributions to the advancement of artificial intelligence
- Effective communication prowess to collaborate seamlessly with stakeholders and researchers, and to articulate key findings clearly
- Vital for **addressing business inquiries** and formulating responses based on dataset conclusions which shows the Analytic ad Problem solving skill
- Business Analysis and able to convert client needs into technical requirements, Stakeholder collaboration, Data-driven decision-making, Continuous improvement
- Skilled on Data evangelism, Data integration, Data integrity, Database querying, Detail-oriented, Data **Documentation**, continuous improvement
- Tools & Technologies: Pycharm, Jupyter Notebook, GitHub

Projects:

WhatsApp Chat Analyzer, Code-> http://tinyurl.com/WhatsapChatAnalyzer	01/2023 – 07/2023
<ul style="list-style-type: none">Created a web app to save time to analyze whatsapp chat by provided charts, graphs, and other interactive visualizations.It’s a dynamic and innovative web-based solution designed to revolutionize the way users gain insights from their WhatsApp chat.Tools & technologies: Python(inbuilt libraries), streamlit framework and some libraries & modules for interactive visualization.	
Amazon Sales Dashboard, https://github.com/SATYAPRAKASHSETHY/Amazon_Dashboard.git	04/2024
<ul style="list-style-type: none">Utilized Power BI to develop a comprehensive sales dashboard leveraging Amazon dataset, facilitating real-time monitoring and analysis such as sales revenue, product performance, and customer demographics.Tools & Technologies: Power BI, Excel, Dax(Basic) such as creating new measure, columns, etc.	

Certifications:

Oracle Cloud Infrastructure (OCI) Data Science 2023 Professional Certification	06/2023
Oracle University	Online
<ul style="list-style-type: none">Certification Code: 1Z0-1110-23URL: http://tinyurl.com/CertifiedDataScience	
Python for Data Science	10/2023
Itronix Solutions	Online
<ul style="list-style-type: none">Certification Id: #00018400URL: https://itronixsolutions.com/courses/certificate/49b4f6ff83	
PCAP: Programming Essential in Python	02/2022
Cisco Networking Academy	Online
<ul style="list-style-type: none">URL: http://tinyurl.com/PCAPpython	