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| **Saurab Khadka Chhetri** |

Certified Data Analyst/ Data Analysis and Interpretation/ Statistical Analysis and Modelling**|** Data Visualization**|** Problem-Solving

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# SKILLS

SQL, Data Modelling, Tableau, Excel, Data Visualization, BI Dashboarding, Descriptive Analytics, Programming Languages (Python), Data Cleaning and Preprocessing, Database Management system, Predictive Analytics, Data Storytelling

# EXPERIENCE

## DATA ANALYST | HyDRIZON | OCTOBER 2023-PRESENT

Hydrizon is an ocean technology disruptor specializing in holographic experiences and water shaping. Coordinated directly with the CEO to spearhead the optimization of the company's social media strategies, benchmarked R&D spendings, analyzed water consumption patterns, optimized usage, and arranged insights to drive conservation and efficiency initiatives.

1. **Water Consumption Optimization Project:** Proposed a SQL and Tableau dashboard leading to a 10% reduction in water consumption, equating to a $30,000 annual cost savings for Hydrizon.
2. **Technology Layer Distribution Analysis:** Conducted detailed analysis and visualization of Hydrizon's Technology Layer Distribution, identifying strategic insights on layer distribution, network interconnections, and potential optimization opportunities for increased operational efficiency.
3. **R&D Spending Benchmarking Project:** Initiated and led a groundbreaking benchmarking initiative to reallocate R&D investments, ensuring a balanced approach for innovation and financial sustainability; collaborated closely with major players in the Australian banking sector to drive impact and results.
4. **Social Media Analytics Project:** Planned data-driven social media strategies, resulting in a significant increase in engagement for Hydrizon's content creators, with a growth of over 30%. Enhanced traffic sources, views, and watch time, alongside targeted marketing strategies, led to a substantial 40% increase in audience interaction and user engagement.

**Tools Used: SQL, Tableau, Excel, Power BI**

## MEDICAL ASSISTANT | NSW HEALTH | DECEMBER 2022-Present

NSW Health is the state's public health system that operates more than 220 public hospitals and provides community health and other public health services. Collaborated with the Environmental Services Manager and Supervisor to implement a data-driven system for efficient patient records management, scheduling optimization, and comprehensive analysis of environmental services data, enhancing overall healthcare operations.

1. **Patient Records Management System:** Enhanced data accuracy and accessibility, reducing errors in patient information by 20%.
2. **Infection Control Data Monitoring:** Established a data monitoring system for tracking and analysing infection control measures within the medical facility, leading to a 20% reduction in healthcare-associated infections.

**Tools Used: Excel, Microsoft Word, Microsoft PowerPoint**

## DAta specialist & operation head | Dimeo | october 2021-november 2022

Dimeo is a leading cleaning professional company with over 40 years of experience and a unique method of delivering service to various industries and locations. Provided strategic supervision with a focus on optimizing operational efficiency, implementing data-driven insights, and fostering a culture of continuous improvement within the cleaning services sector.

1. **Safety and Compliance Data Oversight:** Implemented regular data-driven inspections to uphold high safety standards and compliance with health and safety regulations, leading to a 15% reduction in safety incidents and improved regulatory compliance.
2. **Resource Allocation Optimization:** Oversaw data-driven replenishment processes, minimizing downtime and ensuring uninterrupted operations, resulting in a 25% reduction in resource wastage.
3. **Communication and Data-Driven Conflict Resolution:** Utilized data insights to promptly resolve conflicts, contributing to a 30% increase in team morale and job satisfaction.

# VOLUNTARY PROJECTS

1. Developed impactful dashboards and visualizations for Australian based companies **Techreadyblocks, Allripe, Musimorph,** and **Ditchtechnology**, offering strategic technology development insights. Provided algorithmic guidance for synthetic data generation.
2. Conducted and managed SQL database for **TechReadyBlocks'** technology development.
3. Led a collaborative project with **NRNA** to address Nepal's brain drain issue. Conducted research, proposed strategic solutions to mitigate talent migration challenges.
4. Guided an advanced sales dashboard for **Madhav Store Ecommerce** using Power BI, employing data cleaning, transformation, DAX functions, and diverse visualization techniques.

# A black shield with white stars and a green ribbon Description automatically generatedDATA ANALYST 360 TRAINING

Successfully completed the Data Analyst 360 course at The Data Analytics Institute, gaining comprehensive knowledge and practical experience in data analysis.

# EDUCATION AND CERTIFICATION

## bachelor of science in statistics| 2014-2017 | tribhuvan university, ktm, nepal

## certificate in data analytics(CDA)| jun 2023-aug 2023 | the data analytics institute, sydney