

# SANDRA IXCHEL LÓPEZ ACOSTA

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## PERSONAL STATEMENT

Motivated and adaptable Data Analyst with a Higher Diploma in Science in Computing and training from the Generation Data Analyst Bootcamp. Experienced in working with data to spot patterns, solve problems, and generate insights, including projects like a full-stack web app for dental clinic management. Fluent in English and Spanish, with strong communication, teamwork, and problem-solving skills. Eager to contribute to impactful projects and grow technical expertise in a long-term Data Analysis career.

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## KEY SKILLS

- Intermediate skills in SQL and Excel for data manipulation, data cleaning and reporting.
  - Developing proficiency in Python (NumPy, Pandas, Matplotlib) for data analysis and Power BI for creating interactive dashboards and visualisations.
  - Built a full-stack web application for dental clinic management using Java, JavaScript, MySQL and Spring Boot, optimising data accuracy and solving complex problems.
  - Experienced in identifying patterns and trends in both clinical and technical environments, applying analytical thinking to propose data driven improvements.
  - Strong communicator with proven ability to explain complex information clearly to customers, peers and stakeholders across multidisciplinary teams.
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## EXPERIENCE

### Generation 'Data Analytics' Training, Dublin

Sep 2025 - Nov 2025

- Successfully finished training in Excel, SQL, Python and Power BI for data cleaning, querying and analysis.
- Planned and delivered data projects with a focus on problem-solving and stakeholder communication.
- Enhanced teamwork, collaboration and presentation skills through group projects.

### CCT College Dublin – HDip in Science in Computing, Dublin

Sep 2022 – Sep 2023

- Collaborated on a team project to build a Library Management System, applying problem-solving, database design and data handling techniques.
- Fulfilled multiple assignments and projects enhancing coding, data processing, application design and analytical thinking.
- Delivered presentations to communicate technical and analytical findings clearly to peers and instructors.

### Peonia Candles (Founder), Dublin

Feb 2021 – Dec 2023

- Created brand identity and marketing strategy, including social media promotion and online sales.
- Used spreadsheets to track orders, analyse trends and visualise performance to make data based decisions.
- Managed customer relationships, logistics and troubleshooting operational challenges.

WORK EXPERIENCE

Treatment Coordinator, Specialist Orthodontic Practice, Dublin Jun 2023 - Dec 2024

- Conduct consultation appointments, explaining treatment options, costs and payment plans clearly to support informed decision making.
- Arranged and organised patient treatment journeys, analysing schedules and patient data to improve efficiency and accuracy.
- Maintained accurate patient records, tracking treatment progress and outcomes to support clinical and operational decisions.

Senior Dental Nurse, D4 Dentist, Dublin July 2020 – Jun 2023

- Organised and scheduled patient appointments, analysing patterns to improve treatment flow and reduce waiting times.
- Supervised stock and clinical staff rostering, tracking usage and resource allocation for efficiency.
- Maintained comprehensive patient records, enhancing accuracy and compliance with healthcare regulations.

General Dentist (Self-Employed), México Feb 2016 - Sep 2018

- Analysed patient data to develop personalised treatment plans, supporting informed and evidence-based clinical decisions.
- Handled daily practice operations, including record-keeping, scheduling, and workflow optimisation to improve efficiency and patient outcomes.

EDUCATION

Higher Diploma in Science in Computing (NFQL 8), First Class Honours Sep 2022 - Oct 2023  
CCT College, Dublin

Diploma in Dental Nursing (NFQL 7) Sep 2021 - Oct 2022  
Dublin Dental University Hospital, Trinity College

Universidad Veracruzana Aug 2012 - Aug 2017  
B.A. in Dental Science (NFQL 8 equivalent), First Class Honours

INTERESTS

Combining creativity and analysis drives my interests. I built a small candle-making business from scratch, managing everything from production to branding and sales, an experience that deepened my appreciation for data led decision making. I enjoy exploring datasets to uncover insights and improve my analysis and visualisation abilities. Beyond that, I love reading, gardening, and spending time with my dog.