Date: 30th August 2024

**Maria Dominguez**

70 Charlemont, Griffith Avenue, Dublin 9

Tel. +353 830213445

Email: mariadominguez3@yahoo.es

LinkedIn: <https://www.linkedin.com/in/maria-dominguez-957459103/>

GagaMuller

29-30 Fitzwilliam Square S, Dublin 02, D02 RF20

Dear Sir/Madam:

Please find attached my Curriculum Vitae for the position of 2024 [Graduate Programme - Data Analytics](https://gagamuller.com/graduate-programme/) as advertise on your website on 30th August 2024.

I believe I have the relevant skills and qualities required to excel in this role as I am a recent MSc graduate in Data Analytics - Second Class honours degree, with knowledge in Python program, SQL and NoSQL databases, with strong analytical and problem-solving skills, intellectual ability, self-driven and innovative thinker, eagerness to learn, with excellent communication skills with the ability to convey complex information clearly. I also can work effectively in a team environment, as well as independently prioritize and organize tasks to achieve objectives within tight deadlines. I believe you will see from my enclosed CV; my education background is appropriate for the position being offered. I previously did a BA in Business with first class honours.

In addition to what I can offer as a potential candidate, your company appeals to me for several reasons, I am particularly drawn as GagaMuller offers a direct exposure to diverse projects and industries, which provides invaluable hands-on experience on the field of Data Analytics. As well as that, GagaMuller also offers mentoring, and professional development opportunities tailored to their employee’s career aspirations. Your company core vision to do better, values that are focused on the end user, with passion in keep innovating to achieving customer’s success, and providing true transparency to your customers by unlocking the full potential of spatial data, are aligned to my goals to become a Data Analyst. I do believe that the privilege of being part of a dynamic team that prioritises people’s growth, well-being and professional development makes GagaMuller one of the best places for a recent graduate to work, learn and excel.

Thank you for your time and consideration. I am available for an interview at any time, and I look forward to hearing from you.

Yours faithfully,

Maria Dominguez

0830213445

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**GitHub**: <https://github.com/mariadominguez2023/DA-portfolio---Maria-Dominguez-Alvarenga.git>

For additional samples of my work please visit: <https://youtu.be/GYiHQgKr-nI>

**Stamp 1: Available to work full time without holding an Employment Permit.**

**PERSONAL PROFILE**

Ambitious MSc Data Analytics Graduate [Level 9 – Second Class Honours] and Business Graduate [Level 8 – First Class Honours] Keen to demonstrate my analytical, technical problem-solving skills in fast-paced, ever-changing environment, where I can continue to develop new skills whilst building on my existing experience and recent qualifications. Specifically interested in the roles of **Data Analytics Graduate Programs, Financial Analyst and Data Analyst entry level positions.**

**KEY SKILLS**

* Data science knowledge with Python programming language.
* Knowledge of machine learning modelling techniques and how to fine-tune those models e.g. Random Forest, Gradient Boosting Regressor, Neural Networks, Decision Tree, Naïve Bayes, Support Vector Machine.
* Clustering, linear regression, Ridge and Lasso Regression and statistics.
* SQL and NoSQL databases Apache Spark, Apache Cassandra, MongoDB, HBase, Hive for Big Data Technologies.
* Data preparation and Data visualisation. Knowledge of creation of interactive dashboards.
* Intellectual curiosity, strong analytical and problem-solving skills, with a keen eye for detail.
* Flexible, self-driven and innovative thinker.
* Excellent verbal and written communication skills, with the ability to convey complex information clearly.
* Microsoft Office: Word, Excel, PowerPoint, Google docs, Tableau and Power BI.

**EDUCATION AND TRAINING**

**2023-2024** [**CCT College Dublin**](http://www.cct.ie/)**, 30,34 Westmoreland Street, Dublin 2**

[**Master of Science (MSc) in Data Analytics**](https://www.cct.ie/course/masters-data-analytics-postgraduate-msc/) **– NFQ Level 9 Major Award**

**Results:** 2.1 Second Class Honours Degree

**Capstone Project:** Application of Machine Learning algorithms to evaluate the changes in energy consumption in the Leinster area and subsequently the impact on consumer behaviour in the commercial sector.

**Capstone samples:** <https://youtu.be/dFrUL3v2j1s> <https://youtu.be/ZAResU_wi18>

**GitHub**: <https://github.com/mariadominguez2023/DA-portfolio---Maria-Dominguez-Alvarenga.git>

|  |  |
| --- | --- |
| **Research Objectives** | * Analyse the changes in energy, in terms of electricity consumption of the commercial

sector in Leinster Area, including Data Centres. Train six supervised machine learning models for regression which tabular data and validate the results, compare their performance in terms of predict electricity consumption.* Investigate the reasons for the variations in the usage of electricity in the commercial sector and data centres recorded on the gathered datasets. This includes visualizations of correlations matrix, boxplots, and bar plots to see the fluctuations on electricity consumption changes for the non-residential clients and Data Centres.
 |
| **Results** | Through the use of Ensemble learner models for regression, it was possible to forecast effectively the electricity consumption for the commercial sector of Leinster Area. With the using of ensemble techniques as bagging and boosting, variance was reduced, and overall performance was improved. Therefore, predictive accuracy and generalizing capability in a new data sample was produced. |

**2023** [**CCT College Dublin**](http://www.cct.ie/)**, 30,34 Westmoreland Street, Dublin 2**

 **Diploma in Predicting Data Analytics**

**Result** Merit

**2023-2024** [**CCT College Dublin**](http://www.cct.ie/)**, 30,34 Westmoreland Street, Dublin 2**

[**Bachelor of Arts (Hons) in Business**](https://www.cct.ie/course/bachelor-of-arts-honors-in-business/)– NFQ Level 8

**Results:** 1.1 First Class Honours Degree

**Final Year Project:** Tazumal Coffee Shop, Business Plan Financials.

**EXTRACURRICULAR ACTIVITIES/CPD**

2024(Ongoing) Udemy / Mastering Data Analysis in Excel. 5 hours

2024 Simplilearn / Introduction to SQL - [Introduction to SQL - Certificate of Completion](https://www.simplilearn.com/skillup-certificate-landing?token=eyJjb3Vyc2VfaWQiOiIxODExIiwiY2VydGlmaWNhdGVfdXJsIjoiaHR0cHM6XC9cL2NlcnRpZmljYXRlcy5zaW1wbGljZG4ubmV0XC9zaGFyZVwvdGh1bWJfNjkxODM0NV8xNzIwNjExNTMwLnBuZyIsInVzZXJuYW1lIjoiTWFyaWEgRG9taW5ndWV6IEFsdmFyZW5nYSJ9&utm_source=shared-certificate&utm_medium=lms&utm_campaign=shared-certificate-promotion&referrer=https%3A%2F%2Flms.simplilearn.com%2Fcourses%2F4309%2FIntroduction-to-SQL%2Fcertificate%2Fdownload-skillup&%24web_only=true&_branch_match_id=1233459749284091903&_branch_referrer=H4sIAAAAAAAAA8soKSkottLXL87MLcjJ1EssKNDLyczL1k%2FVL4gMqTT3K8ky904CAKEy900lAAAA)

2024 Udemy / Power BI Accelerator: Master Data Analysis and Visualization 9.5 hours **-** [Power BI Accelerator: Certificate of Completion](https://udemy-certificate.s3.amazonaws.com/pdf/UC-b98252f1-b172-409c-b1df-a15306b1737e.pdf)

2024 Tableau eLearning / Get Started with Tableau

 6 hours - Certificate of Completion:<http://verify.skilljar.com/c/k9c34njbatet>

2022 Virtual Experience Program Participant **5 hours -** [Forage Deloitte certificate of completion](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/Deloitte%20Ireland/rWiuw5ggC5G6Xg9Su_Deloitte%20Ireland_XsfXkzvFipXENMsqj_1654539666378_completion_certificate.pdf)

**EMPLOYMENT HISTORY**

| **2018 - Present** | **Ashe House - Centre for MindBody Integration.** Corduff, Lusk, Co. Dublin |
| --- | --- |
| **Position:** | **Administrative Assistant - Part Time** |
| **Duties:** | * Process all expenses and income transactions into Excel.
 |
|  | * Prepare information to be added to the financial accounts.
 |

| **2021 - Present** | **Carrolls Irish Gifts -** WestmorelandStreet, Dublin 2 |
| --- | --- |
| **Position:** | **Customer Assistant- Part Time** |
| **Duties:** | * Completed customer sales at checkout as per store procedures (handled all cash transactions; payment by cash, debit and credit cards)
 |

| **2017** | **Aveo Global Food Solutions.** South City Business Park, Tallaght, Dublin 24 |
| --- | --- |
| **Position:** | **Departmental Assistant - Part Time** |
| **Duties:** | * Collaborated with the Accounting Department to verify that invoices received from suppliers were accurate.
 |

**FOLLOWING:**

[AI / ML,Gen AI & DATA Analytics, Data Science . SAP BI/ Analytics Cloud /Tableau /Power BI /Birst](https://www.linkedin.com/groups/1859449?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_interests_details%3BPMZSVuP5QQqdA67yUMJu6w%3D%3D)

[Big Data | Data Science | Machine Learning | Deep Learning | Artificial Intelligence](https://www.linkedin.com/groups/762547?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_interests_details%3BPVWIZ5WCTBiQflEObDJJkg%3D%3D)

[Big Data and Analytics](https://www.linkedin.com/groups/4332669?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_interests_details%3BPVWIZ5WCTBiQflEObDJJkg%3D%3D)

[Machine Learning Community (Moderated)](https://www.linkedin.com/groups/961087?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_interests_details%3BPVWIZ5WCTBiQflEObDJJkg%3D%3D)

**PROFESSIONAL REFERENCES AVAILABLE ON REQUEST**