

TMC - Department

Carlos Barquero Gómez de la Venta

Data Scientist Trainee

carlosbgdlv@gmail.com

**Talent File**

Data Scientist Trainee

Carlos Barquero Gómez de la Venta

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| Personal Details |

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| Surname | * Carlos |
| First name | * Barquero Gómez de la Venta |
| Date of birth | * 13 / 08 / 1998 |
| Place of residence | * Madrid |
| Nationality | * Spanish |

“Perfection is a polished collection of mistakes.”

Mario Benedetti

Mario Benedetti

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| Profile & Ambition |

| Resume summary

Biomedical Engineer with one year of experience and quick adaptation capacity. Currently learning about the data science sector and the workings of a large company.

| Career goal

My goal is to learn more about data science and machine learning. To work on ETL techniques and artificial intelligence models in a healthcare environment.

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| Education & Courses |

* Education

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|  | Period | Education | Diploma |
|  | 2016/2021 | **Biomedical Engineering** | Yes |
| ISDI | eLearning Media | 2021/2022 | **ISDI** | Yes |

* Courses

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| Period | Description | Institution | Certificate | |
| 2020 | DATA MINING AND BIG DATA' TRAINING- PERSONALIZEAF WORKSHOP | UPV | Yes | |
| 2020 | 'ELECTROPHISOLOGY AND ATRIAL FIBRILLATION' TRAINING- PERSONALIZEAF WORKSHOP | UPV | Yes | |
| 2022 | Tools for Data Science | COURSERA / IBM | Yes | |
| Work Experience | | | |

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|  | Period | Role & Description |
|  | 2021/2022 | **Data Scientist Trainee**  Responsible for obtaining and validating the volumes of the different technical resource units, which are managed by ITD's financial model. "Financial follow-up of customers".  Tasks:   * Automation of processes using VBA, Python and SQL. * Creation of dashboards with Power BI.Creación de un modelo predictive. * Creation of a predictive model.   Technologies:   * SQL * Python * VBA |

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| Personal Projects |

In case you have some personal projects that you want to share with us, even they are not finished.

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| Period | Project description |
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| 2021 | **Project name**  Modelling progression to diabetes using machine learning methods  Functionality  Predict whether a patient will develop the disease diabetes based on different variables and screenings.  Platform |

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|  | Python Enviroment  Used technologies   * Python   Reference   * Github: <https://github.com/Carlosbgdlv/TFG> |
| 2021 | **Project name**  Time series analysis: Covid-19 vaccination progress Functionality  Do an exploratory analysis of global vaccination data and a forecast to see the progression.  Platform  Python Enviroment  Used technologies   * Python   Reference Github:  https://github.com/Carlosbgdlv/PROCESADO\_MASIVO\_DE\_DATOS |

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| Expertise |

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| Programming & Software | Good | Very Good | Excellent |
| Python |  |  | X |
| SQL |  | X |  |
| PySpark |  | X |  |
| VBA |  |  | X |

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| Hardware & Tools | Good | Very Good | Excellent |
| Windows |  |  | X |
| Linux |  | X |  |
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| Language Skills |

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|  | Speaking | Writing |
| **Spanish** | Native | Native |
| **English** | High Level | High Level |

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| Extracurricular activities |

* Castilla la Mancha golf champion in pairs.
* Runner-up in the Castilla la Mancha federation cup.
* Fifth classified in the championship of Spain of golf (3rd category).
* 50th classified in the championship of Spain of golf (2nd category).