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| **VALARMATHI GANESSIN**    [valarsri@gmail.com](mailto:valarsri@gmail.com) 07903122243 |

**Personal statement**

Dedicated PowerBI Developer created and managed BI and analysis solution that turn data into knowledge. Interacted regularly with internal business customers to capture and understand reporting and data service requests, defined and clarified requirements, developed an appropriate solution and provided feedback to the analytics team.

**Skills**

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| * Data analysis |  | * Manipulating Data |
| * Microsoft SQL |  | * Excellent knowledge of Microsoft Excel including VLOOKUP, Pivot Tables and formulas |
| * Data Modelling in the Query Editor |  | * Table relationships and Data Analysis Expressions (DAX) |
| * Building Data Visualization and Reports |  |  |
| * Power BI Desktop |  | * Python |
| * Data Mapping |  | * Problem solving |
| * Mathematical background with focus on Analytical and Numerical Disciplines. |  | * Additional Skills HTML, CSS, Java Script, Bootstrap, Umbraco |

**Work History**

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|  | **ICT Cover Teacher** Haydon School  Northhood hills *June 2024-July 2024* |
|  | **Secondary Maths Cover TEACHER Bushey** Meads Secondary School   |  |  |  | | --- | --- | --- | | Bushey |  | *September 2023 - November 2023* | |

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|  | **Secondary Maths Cover TEACHER Hemel** Hempstead Secondary School   |  |  |  | | --- | --- | --- | | Hemel Hempstead |  | *June 2023 - June 2023* | |

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|  | **Secondary Cover TEACHER Future** Academics   |  |  |  | | --- | --- | --- | | Watford |  | *February 2023 - February 2023* | |

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|  | **Junior DEVELOPER UKPC**   |  |  |  | | --- | --- | --- | | High Wycombe |  | *October 2022 - January 2023* |      |  |  |  | | --- | --- | --- | | * Performed requirement analysis and design for dashboards. |  | * Build Interactive reports and dynamics, intuitive visuals that convey meaningful insights. | | * Developed and managed strong relationship with team members to help prioritize work effectively to meet strict delivery on time. |  | * Experienced with Data Collection, Cleansing and Transformation. | |
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|  | **Secondary Maths Cover TEACHER St** John of Arc Catholic School   |  |  |  | | --- | --- | --- | | Rickmansworth |  | *January 2023 - January 2023* | |

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|  | **Data ANALYST Base**2   |  |  |  | | --- | --- | --- | | London |  | *April 2022 - June 2022* |      |  |  |  | | --- | --- | --- | | * Have experienced with data modelling and analysis. |  | * Imported data from different sources. | | * Experienced with cleaning and data transformation which includes merging table from one to another, join types and data profiling. |  | * Designed data model, reviewed model interface and enforced row level security. | | * Experienced with Model calculations using DAX, performed advanced analytical functions, including data modelling and prescriptive analysis. |  | * Utilized techniques and business intelligence (Power BI) to create dashboards and reports to address business problems and streamline process. | | * Collaborated with business users, collected requests, and updated the set of existing BI reports to accommodate business needs. |  |  | |

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|  | **Admission ASSISTER Haberdasher** Girls Secondary School   |  |  |  | | --- | --- | --- | | Elstree |  | *November 2021 - December 2021* | |

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|  | **Supply TEACHER Teaching** Personnel   |  |  |  | | --- | --- | --- | | Watford, Hertfordshire |  | *August 2021 - October 2021* | |

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|  | **Maths Teaching ASSISTANT Kumon** Study Centre   |  |  |  | | --- | --- | --- | | Watford, Hertfordshire |  | *October 2017 - October 2019* | |

**Education**

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| **RELEVANT PROJECTS** |  |
| **Accenture North America Data Analytics and Visualization Job Simulation on Forage - July 2024**   * Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture * Cleaned, modelled and analysed 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 * Completed a job simulation where I strengthened my Power BI skills to better understand clients and their data visualisation needs. * Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions. * Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis. * Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.   **Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - July 2024**   * Completed a simulation involving creating data visualizations for Tata Consultancy Services * Prepared questions for a meeting with client senior leadership * Created visuals for data analysis to help executives with effective decision making | |

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| A blue and white square  Description automatically generated | |  |  |  |  | | --- | --- | --- | --- | | **BACHELOR OF Engineering in Computer Science (First Class)** |  |  |  |  |  |  |  | | --- | --- | --- | | Pondicherry University, India |  | *January 2003* | |

*Have NI Number, Updated DBS and Residency Card*

**PwC Switzerland Power BI Job Simulation on Forage - July 2024**

* Completed a job simulation where I strengthened my Power BI skills to better understand clients and their data visualisation needs.
* Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
* Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
* Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

**Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - July 2024**

* Completed a simulation involving creating data visualizations for Tata Consultancy Services
* Prepared questions for a meeting with client senior leadership
* Created visuals for data analysis to help executives with effective decision making

**Microsoft Power BI Data Analyst Professional Certificate**

* Experienced in working with different stages in the data analysis process that result in data-driven decisions.
* Used formulas and functions in Excel. And explores how these are important to data analysis and how these are used in business scenarios.
* Created a cohesive report for a specific audience, and it describes the importance of security in data visualization.
* Created powerBI dashboards with responsive design for Mobiles
* Created custom based and advanced visualization by Python Scripting.

Have NI Number

**Dashboard 1**

**Sales By Quartes Complete Analysis for CEO**

* Created a responsive dashboard to show the key performance of sales by quarterly (this column chart is under conditional formatting which shows the maximum and minimum in color variance), sales by country and category.
* Key measures are highlighted in the data card.
* Have slicers to filter sales performance according to year/Quarter.

**Desktop View**

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**Mobile view**

This is the mobile view of the above dashboard. Tiles are organized on hierarchical order with clear view.

A screenshot of a phone

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A screenshot of a computer

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A graph of sales by quarter

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A graph of sales by country

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A chart of clothing items

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**Dashboard 2**

**Analysis for sales team**

The same dashboard was redesigned for the next set of audience (sales department). The sales performance for 2020 quarterly 1 and 2 with key findings.

**Mobile view**

A screenshot of a graph

Description automatically generated

**Desktop view**A screenshot of a graph

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**Dashboard 3**

**Overall Target and Target Achieved Seperately by each District Manager**

Created a dashboard for sales trend 2022. This includes the drills through the main KPI cart to the detailed KPI findings in the next page.

Created a scatter chart, which shows the total sales by the district managers according to the sales value.

Also, the pie chart shows the sales by district**.**

**Desktop View.**

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This dashboard clearly explains the total sales by district managers, district and the KPI findings

Also given the average, maximum and minimum sales value.

A screenshot of a graph

Description automatically generated

A screenshot of a computer

Description automatically generated

**This dashboard clearly explains the KPI for all regions as well as KPI for individual regions under time scale with age range selection.**

**The KPI cards are well formatted for maximum, minimum as well as medium range.**

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A screenshot of a computer screen

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A map of the united states

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A graph with blue and green circles

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A white paper with a graph

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A screenshot of a computer screen

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A pie chart with different colored circles

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**Excel Table**

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