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| **JOB DETAILS** | |
| **Job Title:** | Data Architect |
| **Function: Department** | Platform Engineering and Architecture |
| **Location:** | Milton Keynes - Support Office |
| **Reporting to** | Enterprise Architecture Manager |
| **Direct Reports:** | None |
| **Effective Date:** |  |
| **Financial Scope/Operating Budget/Revenue (P&L) (If Applicable)** |  |
| **Old DPG Grade/New DPG Band:** | N/A |

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| JOB PURPOSE & RESPONSIBILITIES |
| **Job Purpose:**  The role will be responsible for designing and implementing the enterprise-wide data architecture strategy. The role is pivotal in defining how data is actioned, standardised, collected and consumed across the whole organisation. The role will collaborate with colleagues across all aspects of the business including (but not limited to) Data, Operations, Supply chain, HR, Marketing, IT, Engineering and Quality to ensure data is treated as an asset yielding to informed decision making, greater operational efficiency and an increase in revenue. The role will heavily focus on extracting commercial value from data. |
| **Key Responsibilities/Job Tasks:**  Please list the most important responsibilities (with a breakdown of Frequency against each e.g., sometimes, often, considerable etc).  **Data Catalogue Creation:**  Ensuring a complete and comprehensive data catalogue is defined and maintained, collating information from stakeholders and systems in use across the business thereby ensuring a robust understanding of the current data estate exists.   * Document the data available within the systems in operation at Domino’s * Collate into a master data catalogue and keep up-to-date by coordinating with other architects and colleagues in the data team   **Data Architecture Strategy:**  Undertake a review of the current data warehouse system to design and implement a “next-generation” data platform able to increase the value of the data, improve decision making, establish patterns and practices for engaging with data and identifying opportunities to consume data in new and innovative ways to meet the data aspirations of the company.   * Play a fundamental part in deciding and designing our cloud data migration, moving us from a on premise data solution to a state of the art cloud architected data infrastructure * Develop and implement a comprehensive data architecture strategy aligned with business goals and data-driven initiatives. * Define the architecture principles, standards, and best practices for data collection, integration, storage, and utilisation. * Be the subject matter expert on data infrastructure, working to understand business roadmaps and pro-actively working with all departments of the business to facilitate data changes * Stay updated on industry trends and emerging technologies to drive continuous improvement in data architecture.   **Data Innovation:**  Working cross-department to understand the current and near-term data needs of the organisation to ensure systems are designed to cater for these; at the same time always looking forwards to new and innovative ways of using data to yield business impact.  **Supporting & Mentoring:**  Supporting and mentoring members of the data team as well as the wider architecture team to ensure knowledge on new approaches are shared thereby elevating the skills of all. |

The following sections consist mainly of a series of questions related to specific skills/job requirements. You should focus on the role rather than the individual when considering the most appropriate answer and should base the response on what you consider to be the normal features of the job which are typical of the job and its usual working conditions over the year.

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| **SKILLS & JOB REQUIREMENTS (Please complete where applicable)** |
| **Strategic Responsibility**  Please provide details of the level of responsibility the role has for setting strategy: (Please indicate if a role has accountability for setting or inputting into a specific strategy e.g., a Functional Strategy, please confirm if it is Significant)  Setting the strategic path for how data will be structured, stored, architected, surfaced and processed to meet current and future data needs. |
| **Problem solving**  Please provide details of how the role resolves problems/issues on a daily basis: e.g. Does the role use straightforward common sense? Does the role make straight forward judgements and is guided by precedents? Does the role evaluate multiple sources of information in complex or novel situations? Does the role use other skills for problem solving?  Ability to not only identify and solve problems in the current designs/approaches but to have the foresight, insight and experience to pre-emptively determine where future problems may arise and take steps to address them before they manifest themselves in a production setting. |
| **Decision making**  What level of **decision making** is required of the role and on what decisions does it impact? E.g., there is little requirement for decision making in the role, or role makes decisions within defined procedures, or r, or role makes decisions within broad business guidelines where there are few or no policies available.  Proposing architectural approaches within the Data sphere and deciding on optimal tools and technology to support the designs and the data requirements of the business. |
| **Communication**  Please outline the type of communication skills required: e.g., is basic common courtesy required, or regular exchange of factual information, or are influencing or negotiation skills required as an essential requirement of the role?  Regularly engaging with stakeholders (*from business colleagues to “heads of” and occasionally c-suite*) in both IT and non-IT functions; be comfortable presenting in an effective way to garner engagement and enthusiasm.  Engaging with 3rd party suppliers, holding workshops with them to ascertain the suitability and viability of the platforms. |
| **Innovation**  To what extent does the role contribute to and manage change, e.g., suggest improvements to products/processes or contributes useful ideas or regularly recommends improvements on existing procedures and quality within own area, or develops/adapts new existing processes for increased quality/efficiency or continuously searches for improvements in techniques which add value to the business and has full responsibility and accountability for implementing these.  Being aware of and investigating new technologies, approaches and frameworks to better enable data decisions, techniques and how these can deliver future business value.  Engaging with 3rd party suppliers to evaluate, trial and – when appropriate – onboard new technologies and tooling. |

Please summarise the levels of minimum education, knowledge, skills and experience this position requires (e.g., if you would be recruiting to fill this position, what aspects of background or knowledge would you expect a successful job applicant to have?)

Note: This may differ from the current job holder’s own skills and experience

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| JOB SPECIFICATION | |
| 1. Professional Qualification(s) | No specific qualifications are required however these are beneficial and may be a differentiator |
| 1. Knowledge | Experience with working in a fast-paced, high-traffic, data centric - insights driven organisation is essential, e.g. such as e-Commerce/online-gambling  Azure data capabilities, features and fundamentals and architecting Azure centric solutions – including (but not limited to) ETL, Machine Learning, AI, Storage, Processing, Connectivity, Real-Time Processing  Comprehensive understanding of data governance standards including GDPR |
| 1. Skills/Ability | Experience in a data engineering and architecture capacity  Designing and delivering a data transformation project – hands on experience is essential  Experience working with an agile delivery process  Experience working in, delivering and surfacing data from a Customer Data Platform (CDP) (packaged and composable) into a front-end system – such as an e-Commerce site would be a huge advantage  Experience in data modelling tools such as Erwin  Comfortable driving projects forward, working in small teams and in cases, being a self-starter  Appreciate the difference between theoretical and practical designs and be able to determine when to focus on progress over perfection  Effective and engaging communication skills, collaborator and influencer - able to engage a range of different stakeholders and impact decision-making  Commercially astute, able to identify potential business gain from existing data as well as proposing further data points to consume to yield value. |