



# Business Intelligence (BI) Data Engineer

Eng11 Grade

Reference: DS.41

Candidate  
Information  
Booklet

*We're interested in you becoming involved in SEAI. We want people who are driven towards climate action in this country.*

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# About Us

SEAI is Ireland's national energy authority with a mission to be at the heart of delivering Ireland's energy revolution. We drive the reduction and replacement of fossil fuel usage. We are a knowledge led organisation. We partner with citizens, communities, businesses and Government. We are trusted collaborators, innovators, funders and educators.

Our role is to transform the way we all use energy by moving to more efficient and clean sources, and by leading innovation in Ireland's approach to energy. If you are interested in working in an organisation that has a real and measurable impact on tackling our climate challenges, then consider a career with SEAI. To find out more about us as an organisation, click [here](#).

Our culture in SEAI is defined by our values. These values define the way in which we strive to behave and act. SEAI's values include being **Passionate, Innovative, Courageous, Collaborative**, respecting the **Trust** you placed in us and recognising the importance of technical **Expertise**.

SEAI invites applications from suitably qualified candidates for this role. Full details of the role and how to apply are set out in this booklet.

Candidates should note that entry will be at the minimum of the salary scale and the rate of remuneration, including incremental progression, will not be subject to negotiation and may be adjusted from time to time in line with Government pay policy. Different terms and conditions may apply if you are currently a serving civil or public servant.

**Canvassing will disqualify.**

# Position Profile

**Title of Position:** 2024/DS.41 Business Intelligence (BI) Data Engineer

**Starting Salary:** €72,511pa

(Other arrangements may apply if coming directly from another civil or public service body)

**Blended Working:** Details available within booklet.

**Tenure:** 5-year fixed term contract.

**Head Office:** 3 Park Place, Hatch Street Upper,  
Dublin 2, D02 FX65, Ireland  
[www.seai.ie](http://www.seai.ie)

**Work Location:** Dublin or Cork.

**Role Profile:** We have an exciting opportunity for a Business Intelligence (BI) Data Engineer in the Retrofit Data and Reporting Team in the Community and National Retrofit Department.

The Retrofit Data and Reporting Team are responsible for creating and maintaining key operational and management dashboards and reports for all programmes in the Retrofit Directorate. They include all the key SEAI domestic grant programmes and the Energy Performance Building Directive programmes (Building Energy Rating). In addition, the programme built and maintain the underlying data integration platform (Azure Synapse) and support key external data services.

The successful candidate will join an enthusiastic and innovative team who are committed to maintaining the highest level of reporting, ensuring that key stakeholders have access to accurate and reliable data in a timely manner to make the key data driven decision that support the effective running of grant programme and provide key insights to internal and external stakeholders to grow and develop the programmes to meet SEAI key Climate Action ambitions and targets.

The position will report to the Retrofit Data and Reporting Programme Manager. The successful candidate will have a key role in creating and maintaining the existing underlying reporting platform and associated reporting, while also having a pivotal role in the redesign and development of a new enterprise-wide reporting platform build on Microsoft Fabric.

Throughout SEAI, we believe in being welcoming, diverse and inclusive in our workplace, and in the services that we deliver, where we are respectful and value different experiences and perspectives. We are committed to achieving this for the benefit of all who work with SEAI and for all whom we support through our services'.

# Key Responsibilities, Knowledge, and Skills

## Responsibilities

The responsibilities of the role outlined in this job description are indicative of the currently envisaged scope and may be added to or altered as required, in line with the requirement of SEAI across Business Units/Department.

They will include, but not limited to, the following:

- Maintain, support, and enhance the existing Azure Synapse Analytics-based reporting platform.
- Develop new operational and management dashboards using Microsoft Power BI.
- Collaborate with key business teams (e.g., Grant Programmes, IT, Finance, DPO, Data Governance) to gather and translate reporting requirements into technical solutions.
- Ensure integration of data from various sources, including on-premises databases, Dynamics 365 CRM, and SharePoint Excel files.
- Design and implement robust data pipelines and dataflows to ensure accurate and timely reporting.
- Work with external data engineering vendors on the design and development of a new enterprise-wide reporting platform in Microsoft Fabric.
- Provide technical expertise to support data governance and compliance initiatives.
- Optimize performance and scalability of data solutions to meet business needs.
- Document data solutions and processes to support knowledge transfer and continuity.
- Monitor and troubleshoot data pipelines, resolving issues proactively.
- Organise, contribute to, and participate in various events on behalf of SEAI.
- Develop, review, and maintain standard processes, documents, and communications.
- To undertake any other duties/projects/programmes as may be assigned from time to time within the wider residential programme and across other SEAI Business Units.

To ensure that activity peaks within the Department are addressed in a proactive manner, it is expected that the candidate appointed to this role will need to be flexible in terms of working hours during these periods.

**Knowledge & Skills** The knowledge and skills required include but are not limited to the following:

- Strong proficiency in Azure Synapse Analytics, including data integration and transformation.
- Expertise in Microsoft Power BI, including advanced report and dashboard creation.
- Knowledge of Microsoft Fabric and its integration with Azure Data Services.
- Understanding of dataflows, data pipelines, and modern ETL/ELT practices.
- Familiarity with Microsoft Dynamics 365 CRM and its data architecture.
- Strong SQL skills and experience with relational databases.
- Understanding of data governance principles and compliance requirements.
- Excellent problem-solving and troubleshooting skills.
- Ability to communicate effectively with technical and non-technical stakeholders.
- Strong project management and organizational skills.

# Experience and Qualifications

## ESSENTIAL REQUIREMENTS

The successful candidate must be able to demonstrate:

- A degree (a minimum of NFQ Level 8 or greater) or equivalent professional qualification in a relevant technical discipline such as Computer Science, Engineering, or Data Analytics.
- Minimum of 5 years of experience in data engineering, data analytics, or a related field.
- Hands-on experience with Azure Synapse Analytics or comparable technologies.
- Proficiency in developing dashboards and reports in Microsoft Power BI.
- Proven ability to design and manage data pipelines and data flows.
- Experience working with diverse data sources, including on-premises databases and cloud-based systems.
- Strong understanding of data governance and data protection principles.
- Demonstrated ability to collaborate with cross-functional teams.
- Strong written and verbal communication skills, including report writing, presenting, public speaking and the ability to communicate complex concepts to non-technical audiences.

## DESIRABLE REQUIREMENTS

- Experience with Microsoft Fabric or similar modern data platforms.
- Familiarity with public sector reporting.
- Certification in Microsoft Azure or Power BI.
- Experience working with Dynamics 365 CRM data models.
- Knowledge of integrating data with SharePoint and similar platforms.
- Experience in advanced analytics.
- Knowledge of emerging trends and technologies in data engineering and analytics.
- Demonstrated ability to collaborate with external vendors.
- Familiarity with scripting languages like Python or R for data processing.

# How to Apply

SEAI invites applications from suitably qualified candidates for this role, as set out in this booklet. SEAI is an equal opportunities employer and welcomes applications from people from diverse backgrounds and under-represented groups including ethnic minorities and people with disabilities.

**Submission** Applications should be submitted in the form of a cover letter (max of two pages) demonstrating how the applicant meets the requirements for this role as set out in this booklet together with an up-to-date Curriculum Vitae (CV). Both documents should be submitted via the candidate portal on the SEAI careers [website](https://www.seai.ie/careers/open-roles) [www.seai.ie/careers/open-roles](https://www.seai.ie/careers/open-roles)

**Eligibility to Work** The SEAI has a legal obligation to ensure that all employees are lawfully entitled to work in Ireland. To qualify, candidates must hold a valid visa on the date of application and where applicable to support a candidate's application, candidates must submit a valid work permit/visa confirming permission to work in Ireland when requested. Failure to submit the required evidence, and failure to hold a valid permit/visa during the period of the contract, will result in the application and/or contract of employment being rendered void.

Note in respect of UK citizens: Information regarding the Common Travel Area is available [here](#).

**Closing Date** Your application must be received by **midnight on Tuesday 7<sup>th</sup> January 2025**.

Applications will not be accepted after this time and date. All applications will be acknowledged by email within three working days. If you do not receive an acknowledgement within three working days, please contact [recruitment@seai.ie](mailto:recruitment@seai.ie)

**Shortlisting** Eligible applications will be shortlisted according to how well the experience and skills as described by applicants match the requirements of this role as contained in this booklet. It is important that applicants consider the information contained in this Information Booklet in presenting and demonstrating their relevant qualification, skills and experience for this role. The candidates whose applications, in the expertise of the interview panel, appear best suited to the position will be shortlisted for interview.

**Interview** An interview process will be held with an interview panel in accordance with SEAI arrangements for posts at this level. Shortlisted applicants will be invited to attend for a competency-based interview. A presentation may be required on a topic of relevance to the role and/ or other such assessment methods as deemed appropriate. The SEAI may invite candidates to a second-round interview and to undergo



further assessment, including the use of psychometric assessment if so required. Interviews may take place in person or online, as appropriate.

Candidates are not permitted to use any type of recording equipment at any stage of the selection process unless written permission has been provided in advance of the process. This applies to any form of sound recording and any type of video recording, whether including sound recording or not, and covers any type of device used for these purposes.

Prior to recommending any candidate for appointment to this position, SEAI will make all such enquiries deemed necessary to find that candidate's suitability. Until all stages of the recruitment process have been fully completed, a final decision cannot be made,

**Key Competencies**

At interview, candidates should demonstrate the ability to carry out successfully the duties of the role, as well as the general skills and competencies required at Eng 11/Prof Acct 11 grade (aligned with Assistant Principal level competencies). The key competencies that have been developed for roles at this grade level are as follows.

- Leadership
- Analysis & Decision Making
- Management & Delivery of Results
- Interpersonal & Communication Skills
- Specialist Knowledge, Expertise and Self Development
- Drive and Commitment to Public Service Values

Each of the key competencies is supported by a list of key performance indicators which are available [here](#)

Candidates are strongly encouraged to prepare in advance of the interview, clear and relevant examples of how they have previously demonstrated these specific competencies.

**Deeming of Candidate to be Withdrawn**

Candidates who do not attend for interview or other tests when and where required, or who do not, when requested, furnish such evidence, as the SEAI require regarding any matter relevant to their candidature, will have no further claim to consideration.

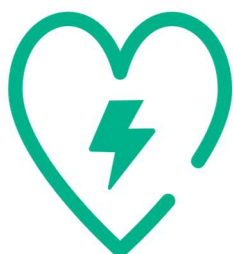
**Feedback**

Feedback will be provided to interviewees on written request.

**Code of Practice**

This campaign is being organised in accordance with the existing Code of Practice 'Appointment to Positions in the Civil Service and Public Service' published by the Commissioners for Public Service Appointments (CPSA).

# SEAI Values



## Passionate

We are enthusiastic about our role in working towards a sustainable energy society. We channel our passion and commitment into the way we operate to ensure that we will deliver for all of Irish society



## Courageous

We understand the scale of Ireland's energy challenge and accept our role in meeting this challenge. We understand that every one of us has a part to play in delivering the energy changes that Ireland needs.



## Innovative

We know that existing technologies and processes alone will not allow us to realise a fully sustainable energy society. We are continually learning, seeking new solutions, and constantly adapting to meet the demands of our fast-changing environment.



## Trusted

We appreciate the trust placed in us by citizens, communities, business and Government. Without it we could not deliver on these objectives. We respect this trust and seek to maintain it by obtaining transparently, working with integrity, holding ourselves accountable and functioning independently.



## Experts

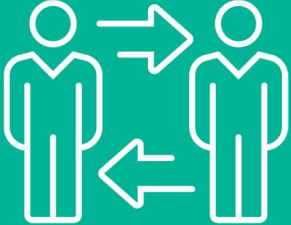


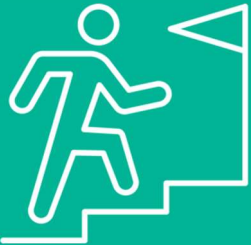
We recognise the importance that technical expertise lays in achieving a sustainable energy future. We seek to further enhance this expertise within SEAI through research, critical thinking, consultation, listening, analysis and delivery.



## Collaborative

We will not succeed by operating in isolation. We actively look to work with all those in Irish society; listening to ideas and concerns, incorporating feedback and looking to support every individual, community and business in Ireland to be a part of the sustainable energy revolution.

# Employee Value Proposition

<h2>Benefits</h2> 	<ul style="list-style-type: none"> <li>• Modern Dublin HQ located centrally and accessible with many transport options.</li> <li>• Regional office in Cork, Dundalk, and Sligo.</li> <li>• Hybrid working model (up to two days in office, three days remote with option for 1-month remote p/annum).</li> <li>• Employee Assistance Programme.</li> <li>• Cycle to work scheme.</li> <li>• Range of 23-30 days annual leave, depending on role &amp; company date (Good Friday).</li> </ul>
<h2>Culture</h2> 	<ul style="list-style-type: none"> <li>• Purpose led organisation with passionate experts invested in making an impact.</li> <li>• Employee centred, value driven team environment.</li> <li>• Strong focus on Equality, Diversity, and inclusion (EDI).</li> <li>• Employee driven committees including Green Team, EDI, Social etc.</li> <li>• Focus on work life balance and flexibility.</li> </ul>
<h2>Compensation</h2> 	<ul style="list-style-type: none"> <li>• Competitive and transparent salaries and salary scales.</li> <li>• Annual increments.</li> <li>• Obligatory pension schemes with Additional Voluntary Contribution option.</li> <li>• Financial support towards further education and study and exam leave.</li> <li>• Supportive illness policies and pay for different circumstances including Income Continuance Plan.</li> <li>• Good Gender pay balance.</li> </ul>
<h2>Career</h2> 	<ul style="list-style-type: none"> <li>• Successful track record of internal promotions.</li> <li>• Numerous different career paths across the organisation.</li> <li>• Training and mentoring programmes.</li> <li>• Investment in individual learning and development.</li> <li>• Leadership training and development.</li> </ul>

# Conditions of Service

<b>Tenure:</b>	This position will be offered on a 5-year Fixed Term contract basis.
<b>Salary Payment Arrangements:</b>	<p>The Eng11/Prof Acct 11 salary scale for this position effective from 1<sup>st</sup> October 2024 is as follows: €72,511 to €88,429 (inclusive of two Long Service Increment which applies after three- and six-years additional service at Max of grade). Incremental progression will be subject to satisfactory performance.</p> <p><b>Important Note:</b> Candidates should note that entry will be at the first point of the scale and the rate of remuneration, including incremental progression, will not be subject to negotiation and may be adjusted from time to time in line with Government pay policy.</p> <p>Different terms and conditions may apply if you are currently a serving civil or public servant.</p>
<b>Location:</b>	<p>The place of work will be based at one of the SEAI offices as listed on cover page. SEAI offer the option to work in a hybrid working arrangement, in line with the SEAI Blended Working Policy.</p> <p>SEAI reserves the right, at its discretion, to change working location within reason on any future date.</p>
<b>Blended Working Arrangements:</b>	<p>As an employer, SEAI operates a blended working policy that facilitates access to remote working options having regard to work-life balance/integration, mental health, and the need for a safe and productive working environment. Blended working arrangements will be operated under SEAI's Blended Working Policy, which currently requires staff to work from the office a minimum of two (2) days per week. Availability and patterns of blended working will be based on business needs and the suitability of the role and may be subject to change should the business needs dictate.</p>
<b>Probation:</b>	<p>On appointment, the appointee will serve a six (6) month probationary period. In certain circumstances, the probation period may be extended, in line with the SEAI's Probationary Policy and Procedures.</p>
<b>Working Week:</b>	<p>Hours of attendance will be as fixed from time to time but will amount, on average, to not less than 41.25 hours per week (35 hours net of rest breaks). Pro-Rata will apply in the case of part-time role. Additional hours may from time to time be reasonably required to meet the requirements of the position. No additional payment will be made for extra attendance as the rate of remuneration payable covers any exceptional extra attendance liability that may arise from time to time.</p>
<b>Annual Leave:</b>	<p>The annual leave allowance will be <b>27 working days</b> a year, based on a five-day week and is exclusive of public holidays. Pro-rata will apply in the case of part-time role. Annual Leave is to be taken at a time or times convenient to SEAI.</p>

**Eligibility to Work:** The SEAI has a legal obligation to ensure that all employees are lawfully entitled to work in Ireland. Where applicable and to support a candidate's application, candidates must submit a valid work permit/visa confirming permission to work in Ireland. Failure to submit the required evidence, and failure to hold a valid permit/visa during the period of the contract, will result in the application and/or contract of employment being rendered void.

**Those not eligible to apply for the role**

Former Irish Public Service Employees - Certain Restrictions on Eligibility. Eligibility to apply for a position may be affected where applicants were formerly employed by an Irish Public Sector body and previously availed of an Irish Public Service Redundancy or Incentivised Retirement Scheme including the below. For details on restrictions click [here](#).

- Collective Agreement: Redundancy Payments to Public Servants
- Incentivised Scheme for Early Retirement (ISER)
- Department of Health and Children Circular (7/2010)
- Department of Environment, Community & Local Government (Circular Letter LG(P) 06/2013).

**Declaration:** Applicants will be required to declare whether they have previously availed of a public service scheme of incentivised early retirement and/or the collective agreement outlined above. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Public Service employment.

**Other Conditions of Employment:** The above represents the principal conditions of service and is not intended to be the comprehensive list of all terms and conditions of employment which will be set out in the employment contract to be agreed with the appointee.

**Standard Checks:** Any offer of employment made to a successful candidate will be subject to satisfactory reference verification and satisfactory verification of academic and professional qualifications.

SEAI commits to treat all the information or documents received under GDPR guidelines

**Garda Vetting:** SEAI is set up with a registered organization for Garda vetting purposes. You may be asked to make an application to be vetted.

**Confidentiality:** The above represents the principal conditions of service and is not intended to be the comprehensive list of all terms and conditions of employment which will be set out in the employment contract to be agreed with the appointee.

**Superannuation and Retirement:** The appointee will be offered the appropriate superannuation terms and conditions as prevailing in the Public Service at the time of being offered an appointment. In general, an appointee who has never worked in the Public Service will be offered appointment based on membership of the Single Public Service Pension Scheme ("Single Scheme").

Full details of the Scheme are at <http://www.per.gov.ie/pensions>

E: [info@seai.ie](mailto:info@seai.ie)  
W: [www.seai.ie](http://www.seai.ie)

   [@seai\\_ie](https://www.instagram.com/seai_ie)

T +353 1 808 2100

[#EnergyRevolution](https://twitter.com/SEAI_Ireland)

Play your part in Ireland's  
ambitious climate action.  
Ireland needs your energy