STEM Learning Limited

1. Role Particulars	
Role Title: BI and Reporting Developer	Reports to: BI and Data Engineering Lead
2. Organogram	

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        │    Head of IT     │
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        ┌──────────────────┐
        │ Data Team Manager │
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   ┌──────────────────────────────┐
   │ BI and Data Engineering Lead  │
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   ┌──────────────────────────────┐
   │  BI and Reporting Developer   │
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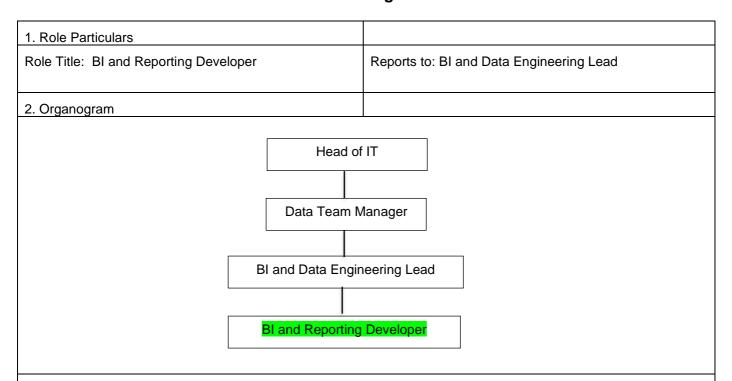
3. Purpose of role

At STEM Learning, we have a small in-house Reporting/BI Team, meaning that team members can be close to our key business users and to the core of our mission, working end to end on our reporting landscape. We're looking for someone with drive, enthusiasm and ambition with a strong background in designing and building innovative BI solutions to join our fast-moving organisation; someone who can deliver with excellence on ambitious projects to revolutionise current data practices; someone who stays at the cutting edge of the transforming landscape of BI and data processing; someone who takes pride in delivering beyond expectations.

Covering end to end the whole spectrum of BI/Reporting you will design, build and maintain our central reporting infrastructure, ingesting data from a variety of sources, cleaning, combining, processing and visualising to end users. You will be a key part of the reporting development roadmap, working with stakeholders to capture future requirements, manage expectations where required and help open their eyes to the possibilities our data can deliver as we strive for a world-leading STEM education for all young people across the UK.

4. Key Results / Accountabilities expected from role

Successful candidates will demonstrate STEM Learning's values: Sustainable – Innovative – Proactive

This role is instrumental in ensuring that STEM Learning achieves its full potential by its Values to positively impact young people's achievement, enthusiasm for and progression in STEM subjects and careers.

The BI and Reporting Developer will be responsible for:

- Liaising with business stakeholders to understand their reporting needs and challenges, translating these into firm deliverables
- Building new, and improving existing, BI/MI reports in Power BI
- Developing and maintaining the code and processes that underpin our business intelligence and reporting services, ensuring they are reliable, secure and suitably accurate
- Performing ad-hoc analysis and research for internal colleagues or as a cross-check for automated reporting
- Leveraging your knowledge, enthusiasm and creativity to further a data informed culture within the organisation.

5. Key challenges faced in the role

- Managing conflicting priorities with a large and varied workload
- Presenting data back via Power BI to a wide-ranging audience, not all of whom understand our data landscape

- Supporting and enhancing numerous systems built on different technologies, supported by multiple suppliers
- Working with a diverse, geographically separate user base including 140 office staff based in York or London offices, 25 remote staff, a UK wide delivery network of partners numbering 100+ organisations, 35000+ active ambassadors (volunteers) and 450,000+ website end users.

6. Any other information

The National STEM Learning Centre & Network is a key UK resource for supporting STEM teaching and learning through provision of resources, on-line and physical networking and communities and partnership with a wide range of organisations and individuals. This includes driving forward on-going development of the STEM Ambassadors and STEM Clubs programmes alongside subject-specific support for all involved in teaching STEM subjects to young people.

7. Experience and Expertise

- Significant experience designing and delivering reporting/BI solutions using modern tools and current best practice in a Microsoft technology stack, in particular Azure Data Factory
- Significant experience delivering MI solutions through the PowerBI service. Excellent PowerBI front end design skills and back-end data manipulation including DAX
- Experience developing high quality SQL code with experience of stored procedures; a proven background extracting complex data from multiple technologies, including MS-SQL/MySQL/Postgres databases
- A knack for managing complex data and developing insightful visualisations
- Strong interpersonal skills and stakeholder management with the ability to influence, advise and consult at all levels.

8. Economic dimensions associated with the role (if any)

N/A

9. Location

Your post at STEM Learning (York) is a hybrid role with the requirement to be on-site 2 days a week, but you may be required to work if appropriate at any of STEM Learning's premises, or temporarily elsewhere as necessary for the proper discharge of your duties.