

Job Title	Data Scientist
Job Holder	VACANT
Reports To	Arghya Barman
Date	February 2019

		Essential	Desirable	Method of Assessment
	Educational Attainment			
D1	MSc or BSc in a Scientific Discipline		X	Application form/Certificate
	Work Experience			
E1	A minimum of three years' experience in data science / computational modelling	X		Application form
D2	Ability to implement own algorithms for the analysis of complex data		X	Application form/Interview
E2	Previous experience in the analysis of small / large datasets using advanced machine learning algorithms	X		Application form/Interview
E3	Ability to integrate and visualize data from different sources	X		Application form/Interview
D3	Demonstration of the ability to collaborate with experimental scientists		X	Application form/Interview
D4	Understanding of univariate and multivariate statistics		X	Application form/Interview
D5	Previous experience as working on interdisciplinary projects as part of a team		X	Application form/Interview
D6	Understanding of database structure and development		X	Application form/Interview
D7	Experience in the use and programming in R, Python, HTML, Windows, and Linux		X	Application form/Interview
	Knowledge/Skills/Aptitude			
E4	Excellent written and verbal communication skills	X		Application form/Interview
D8	Ability to influence, negotiate and persuade		X	Interview
D9	Ability to present complex information in a clear and concise manner		X	Interview
E5		X		Interview

E6	Ability to work without close supervision yet able to judge when advice and support is required	X		Interview
D10	Ability to effectively prioritise		X	Interview
	Ability to work effectively across function and sites			
	Circumstances			
D11	Full Driving License		X	Application Form
E7	Ability to take on Business travel	X		Interview