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John Hogan,

Chief Data Scientist,

Real World Analytics,

Unit C3, The Exchange, Calmount Avenue,

Ballymount, Dublin 12, D12 ET20.

Dear John,

I was inspired to write to you having attended an impressive presentation recently made by two employees of Real World Analytics, Stephen Lavery and Samantha O’Reilly, in Maynooth University, where I am studying for a Higher Diploma in Data Analytics (the course of which Sam is a previous graduate). As Chief Data Scientist and co-founder of the company, I wanted you to know that you can be very proud of the professional way in which they portrayed RWA and their respective roles in it.

I was particularly impressed that, although both of them are Data Analysts, one of them (Sam) opted for a business-facing role while the other (Stephen) adopted a technical (developer) one. I was also struck by the range of industry sectors – from pharmacy to automotive – that your customer base represents across multiple geographies. On the technical side, I was especially interested in Stephen’s overview of the predictive analytics (machine learning) initiative that he was then engaged in for the UK pharmacy sector, through which he was trying to help them to identify customers of theirs that were at risk of developing diabetes based on the type of drugs those individuals were currently purchasing.

As a former employee of IBM, where I gained many years of experience in application development, solution design and project management, I was attracted to that Maynooth University course because of its comprehensive, yet intensive, coverage of the data analytics discipline. The modules that I have completed, and am currently studying, and that may be of particular relevance to RWA are:

* Statistical Methods;
* Machine Learning;
* SAS Programming;
* Spatial Data Analytics (using PostGres, PostGIS, SQL and QGIS).

Other modules include Critical Data Studies, R Programming, Java Programming and Python Programming.

I believe that the skills, and exposure to new tools and technologies, that this course is providing me with, coupled with both the hard and skillsets that I have already acquired during my career in IBM and other Information Technology companies equip me extremely well for my next career move into the data analysis field. I have enclosed my Curriculum Vitae to enable you to get an overview of my previous work experience.

For the reasons already outlined above, I am convinced that I would be a good fit for RWA (in a data analyst role) and that it is also a good fit for me.

I would be delighted to discuss such a possibility further with you and look forward to hearing from you in the near future.

Yours Sincerely,

Sean O’Riogain BSc (Computer Science).