



ROLE PROFILE

JOB TITLE: Data Analyst

COMPANY: Weatherbys Scientific

Data Analyst Job Description

Weatherbys Scientific are looking for a skilled and highly motivated Data Analyst. A successful candidate will be primarily responsible for the analysis and reporting of genomic SNP data generated within Weatherbys Scientific Genomics Laboratory. The data analyst will preferably hold experience with life science data analysis tools, LIMS interaction, ISO accreditation standards and have a clear understanding of associated genomic laboratory techniques and technologies. Further responsibilities include the application of downstream analysis techniques.

Key responsibilities will include:

Data Management – Collate sample level meta-data with raw intensity SNP chip data to generate genotyping projects across multiple genotyping platforms. Ability to apply quality control checks to ensure integrity of input sample sheets.

Data Analysis – Perform cluster SNP analysis on project data via application of recommended threshold metrics. Apply data quality control pipelines within projects and perform troubleshooting if required.

Data Report Generation – Utilize report generation applications to produce client specific reports, catering for requested genotype and nomenclature formats. Once generated, results will require reporting to relevant clients and LIMS tracking completed.

Customer Support – Communicate with clients through a CRM software in a professional manner and respond to client queries whether prior to sample submission, throughout assay or post reporting. Interact with client interfaces to resolve queries in a traceable and open manner.

Downstream Analysis Techniques – Perform bespoke analysis and reporting, using in-house generated genotype data sets, for Diagnostic Major Genes, Breed Composition, SNP based Parentage and Sibling testing.



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Skills/Qualification Requirements:

- Bachelor's degree in Bioinformatics or similar.
- Extensive experience using Microsoft Excel including formulas, charting, data tables, VBA and macros.
- Experience utilizing genetic analysis tools within a commercial service environment would advantageous.
- An ability to plan tasks, schedule and prioritise workloads is important.
- A clear understanding of fundamental sequencing concepts and experience within NGS technologies and analysis techniques is favourable.
- Excellent listening and communication, together with the ability to build strong and lasting relationships with colleagues and customers.
- A proactive team player with the ability to work at a fast pace.