Job title:

Researh Data Scientist (smolt quality project)

Responsibilities:

Analyze data to find the most important factors which affect salmon quality during seawater production. Identify best performing fish populations. Test hypotheses based on historical data, e.g., mortality after transfer to sea is lower for fish groups with better growth before transfer – true or false? Significant part of this job is to process data sources of different nature (time-series data from sensors, laboratory data, feeding data, etc.) and construct different features which will describe each fish group "history". All data is stored in tables within an SQL database.

Must-have* **skills**:

1) 2-3 years of experience of data processing and feature engineering using SQL and Python or other script language. Including experience with time-series data.
2) 1-2 years of experience in descriptive analytics (factor ranking, clustering). Practical knowlegde of decision tree, k-means and PCA algorithms**
3) 1-2 years of experience in statistical hypotheses testing (t-test). Knowledge of basic descriptive statistics
4) 1-2 years of experience in visualizing data (histograms, boxplots, time-series)

* If you lack confidence in 2)-4) but are knowledgeable in at least two of them, please still apply.
** Knowledge of alternative algorithms will also be considered

Nice-to-have skills:

Ability to effectively summarize results from data analysis
Ability to quickly answer "So what?" question
Experience in reading and undestanding research articles
English, Spanish language capabilities

Key words:

Factor ranking, descriptive analytics, clustering, statistical tests, visualization