



PERFORMANCE WORKSHOP FOR NETEZZA®

WHY DO I NEED THIS?

This week long workshop is designed for IBM®'s Pure Data™ for Analytics customers either that would like to optimise the performance of known queries against already populated database tables, or that want to validate their physical database design against a set of known query requirements, or that would like to learn how to investigate, diagnose, and resolve different categories and causes of performance problem for themselves.

HOW DOES IT WORK?

Over the course of the week, a structured series of exercises will be performed to evaluate the suitability of the database design relative to the known query workload. Where possible, practical recommendations will be made for improvements to the existing physical database design, queries, operating environment, processes, system configuration, or architecture to address any issues identified. Ideally, such recommendations may even also be benchmarked, proven, and implemented by the end of the exercise - time permitting.

HOW MUCH DOES IT COST?

US\$6000, GB£4000, EU€5000, AU\$6000, NZ\$7500 for up to 3 attendees.

All prices quoted exclude applicable taxes and disbursements.

PRE-REQUISITES

Students

- will need a good working knowledge of Netezza SQL in particular, and relational database administration in general
- must be conversant in English

Environment

- Network/Windows, Netezza Host, and Database logins for all participants
- Logins must be sufficiently powerful to be able to perform a variety of administrative type functions (including software installation, if necessary)
- Client software such as Netezza Administrator and SQL query tool



SCHEDULE

Day 1

AGENDA

- **Netezza utilities review**
- **System health check review**
- **NZ Portal review**
- **Query History Database configuration review**
- **Workload Management review**

Day 2

- **Physical database design review**
- **Statistics and data distribution review**
- **Problem query review**
- **Data organisation review**

Days 3 - 4

- **Query explanation and optimisation**
- **Physical database design performance tuning**
- **Workload management performance tuning**

Day 5

- **Document findings**
- **Document recommendations**
- **Present findings and recommendations**



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