



8 SEPTEMBER ONLINE DAY 9 TO 12 SEPTEMBER AT HOSBURG PALACE, VIENNA & ONLINE

Software Engineering Aspects of Modifying and Enhancing NET-VISA to Incorporate Long Term Priors

LIGHTNING TALK

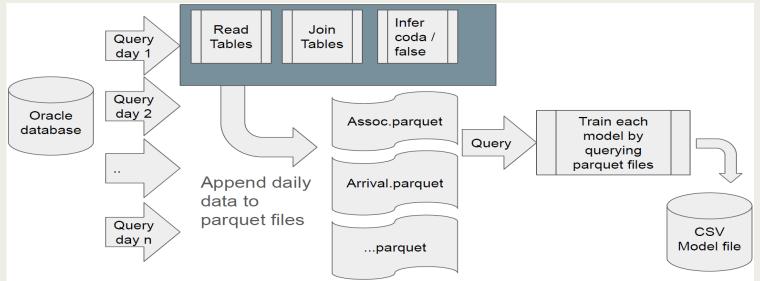
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- •Main motivation: experts were concerned that NET-VISA, which retrains every week, might encounter errors during training, which could break a smooth operational flow. It was suggested, that NET-VISA could benefit from training on stations with ten or more years of data.
- •**Proposed solution**: in the long-term prior model, we generate priors using data collected over approximately ten years. This approach captures the average behavior of the network and stations across a wide range of environmental conditions and configurations. Because the training period is so extensive, the resulting priors are typically more stable and reliable than those from the rolling prior model.









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