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LETTER FROM THE EDITORS IN CHIEF

We are pleased to present this sixth issue of PVLDB Volume 18 with 33 papers from three categories: 29 Regular Research, 3 Experiment, Analysis & Benchmark (EA&B), and 1 Vision. 21 of these papers were accepted after going through a major revision round, and the remaining 12 went through a second round of minor revisions under close guidance of designated shepherds from our review board.

Once again, with 6 papers, Machine Learning, AI, and Databases stands out as the most popular primary subject area for the papers appearing in this issue. These cover a broad range of novel contributions in ML for DB and DB for ML, including: (i) an experimental study on early stopping metrics in hyperparameter optimization algorithms; (ii) a reinforcement learning based approach to approximate query processing for large-scale data exploration; (iii) a GPU emulator for enabling faster and cheaper deep learning systems research; (iv) a graph summarization technique to enable reliable causal inference for high-dimensional data; (v) a parallelism-efficient fine-tuning system for training multiple models across GPUs and machines; and (vi) a practical theory of generalization in query-driven selectivity learning.

We would like to thank our board of associate editors and reviewers, as well as proceedings chairs, for their time and effort in compiling another great issue of PVLDB. We hope that the readers will find it as interesting as we did.

Themis Palpanas and Nesime Tatbul
Editors-in-Chief of PVLDB Vol. 18
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