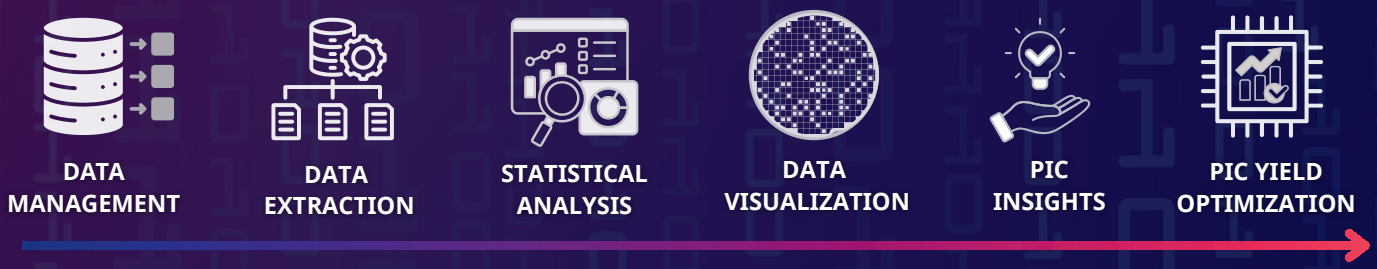
LUCEDA PHOTONICS

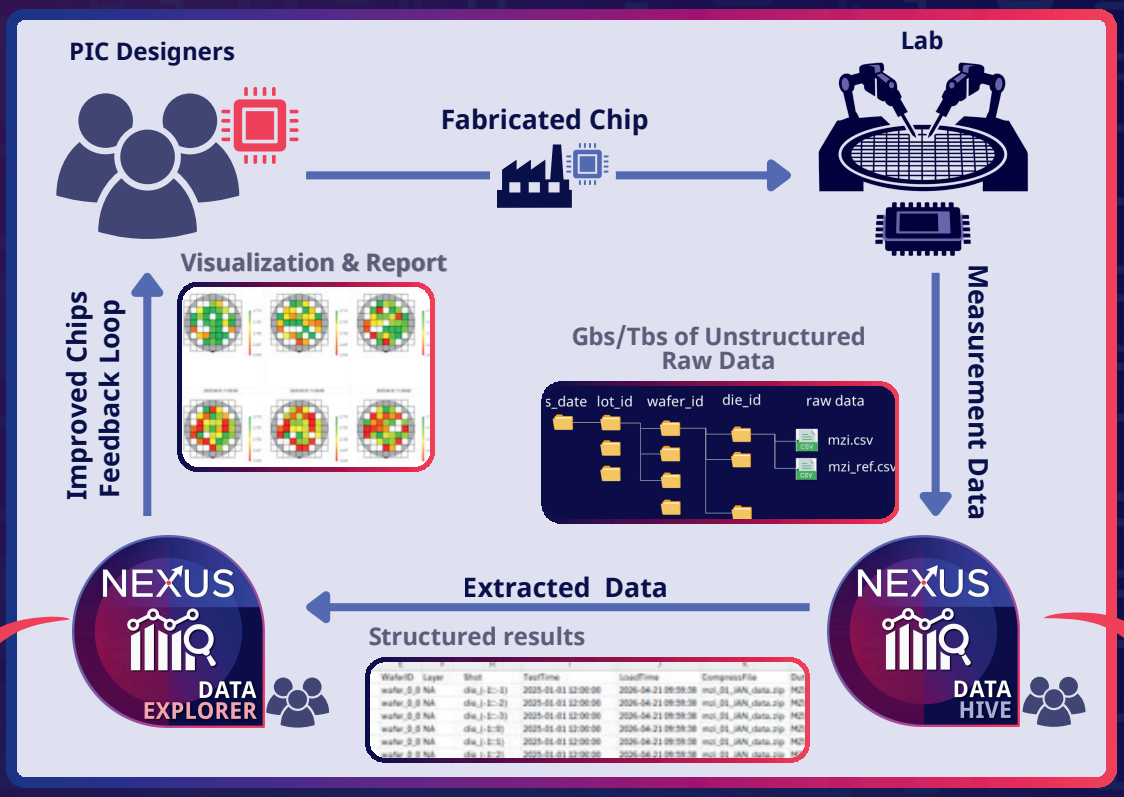
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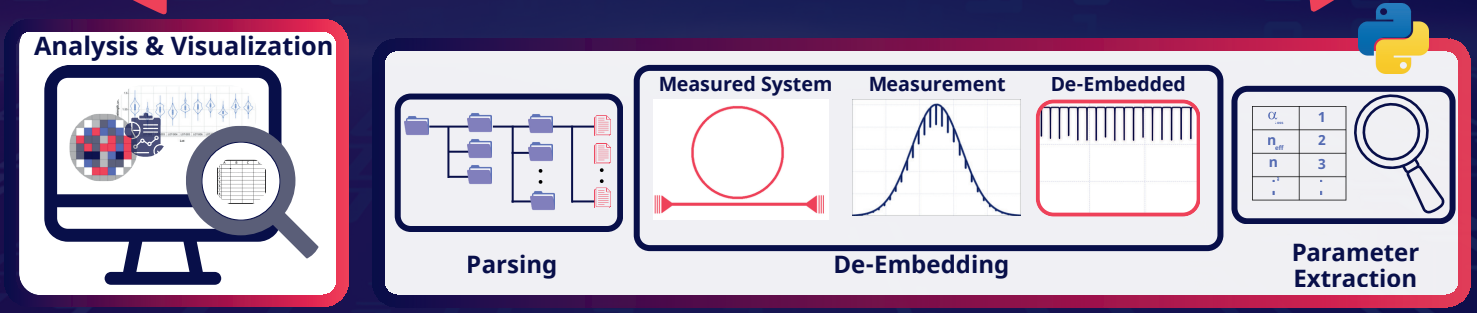
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Transform large-scale silicon data into actionable insights and drive informed decisions to optimize both design and fab processes.

Nexus Data Hive

Organize your measurement data, from storage to extraction

- Reduce the time required to process and validate large-scale photonics measurement datasets from months to weeks.
- Leverage automation and standardized workflows to enable instant data feedback and seamless interactivity.
- Standardize measurement data for statistical analysis and process monitoring, improving reproducibility across environments.
- Enable multi-team collaboration via reusable Python pipelines in a secure, on-premises environment.

Nexus Data Explorer

Analyze and visualize your photonics data to reveal PIC insights

- Start instantly with a quick setup and explore your existing data in minutes, immediately generating PIC insights.
- Accelerate engineering decision-making through interactive wafer-level visualization, statistical analysis, and automated reporting tools.
- Eliminate dependency on fragile, manually handled scripts for photonic data validation.
- Improve model quality and yield through a direct feedback loop between silicon measurements, design data, and process monitoring.
- Bridge engineering and leadership with automated, presentation-ready reports (no Python or Jupyter required).

Scan the QR codes to learn more about Nexus Data Hive and Nexus Data Explorer, or request a demo or access.

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