SAS 9.4*

SAS applications provide an integrated environment for predictive and descriptive modeling, data mining, text analytics, forecasting, optimization, simulation, experimental design, and more.

**POSSIBLE CUSTOMER BENEFITS**

- Run more complex analyses, putting sophisticated models to work
- Embrace larger data sets, including both structured and unstructured data
- Gain greater insights, to better understand how to drive the business forward

**PERFORMANCE CONTRIBUTORS**

- Redesigned memory subsystem improves throughput for data-intensive tasks
- Increased core count offers greater parallelism for analytics workloads
- Intel® Optane™ Solid State Drives enhance responsiveness with high throughput and low latency

“Harnessing the power of Intel innovation, SAS customers are using a modernized analytics platform to quickly turn their data into insights and make confident decisions. The new Intel® Xeon® Scalable processor and Intel® Optane™ technology help make analytics faster, easier, and more powerful in cutting-edge areas such as artificial intelligence, IoT, and machine learning.”

- CRAIG RUBENDALL, VICE PRESIDENT OF PLATFORM R&D AT SAS

**PERFORMANCE BENEFITS FROM INTEL® XEON® SCALABLE PROCESSORS AND INTEL® OPTANE™ TECHNOLOGY**

<table>
<thead>
<tr>
<th>Two-Socket Performance Increase</th>
<th>(Higher is Better)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel® Xeon® Processor E5-2699 v4</td>
<td>0</td>
</tr>
<tr>
<td>Intel® Xeon® Platinum 8180 Processor</td>
<td>1</td>
</tr>
<tr>
<td>Intel® Xeon® Platinum 8180 Processor and Intel® Optane™ Technology</td>
<td>2</td>
</tr>
</tbody>
</table>

Normalized Performance

Run more complex analyses, putting sophisticated models to work

Embrace larger data sets, including both structured and unstructured data

Gain greater insights, to better understand how to drive the business forward

Optional top line.