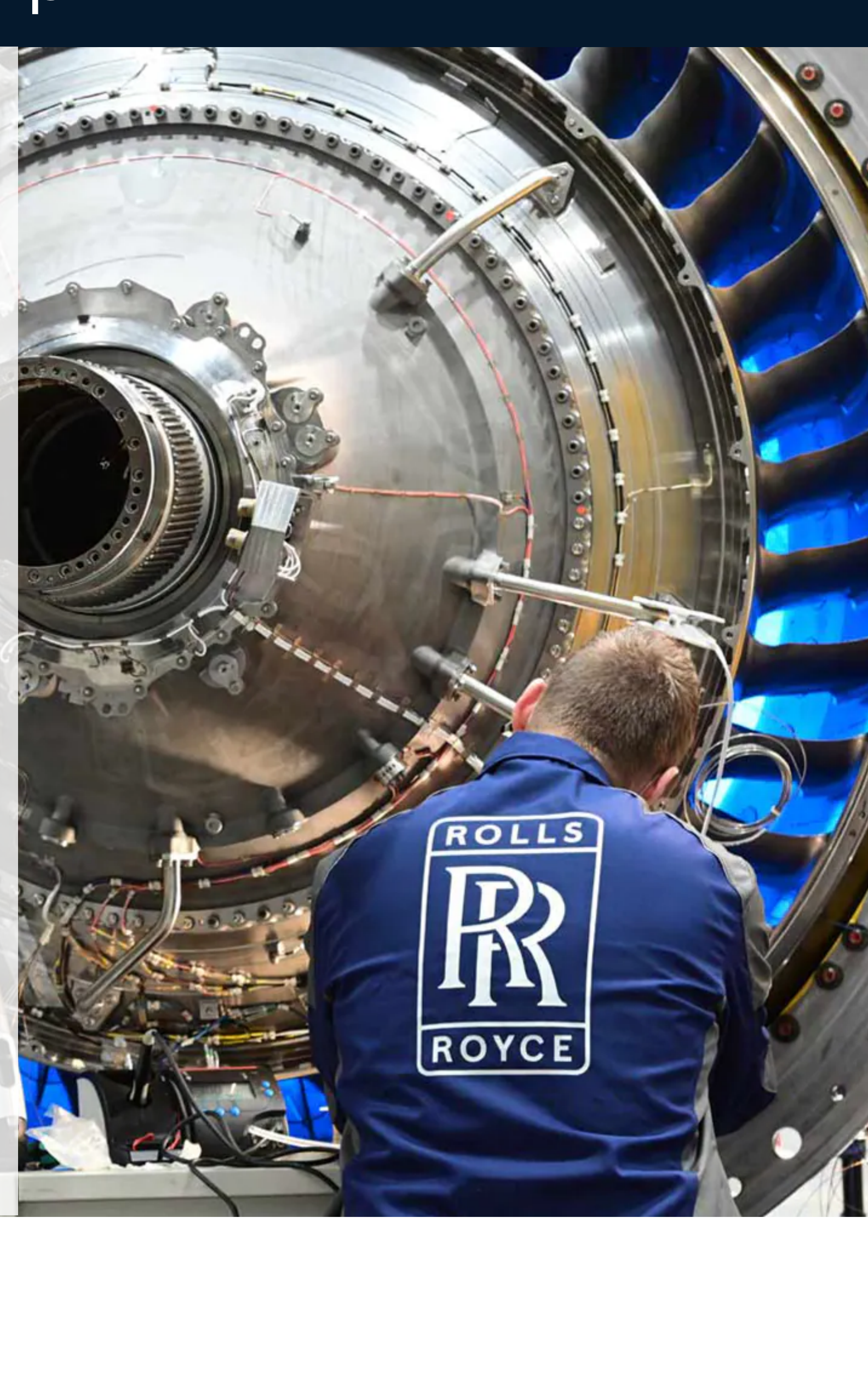


How Rolls-Royce 100x'd the speed of their engineering design processes

By leveling up their data skills, Rolls-Royce could identify and automate manual processes and save its engineers time to work on more valuable initiatives. By increasing the skills of both technical and non-technical roles, Rolls-Royce was able to help everyone better improve their Python, Power BI, and general data literacy.



At Rolls-Royce, we're dealing with complex data sets related to airlines and engines. Through DataCamp our engineers gained valuable experience and learned how to automate multiple data handling processes that previously had to be completed manually.

Akin Keskin,
Chief of Design Systems, Rolls-Royce

Global Fortune 500 Company

Employees: 44,000+

Business Segments: Civil aerospace, power systems, and defense

Aerospace revenue: \$4.5+ billion



Overview of Rolls-Royce

Rolls-Royce is always looking for new ways to increase its ability to analyze data more quickly to improve performance. The civil aerospace business unit uses data every day to track its engines by monitoring atmospheric contaminants and performance data, thus maintaining its competitive advantage.

The Civil Aerospace Digital Capability team not only develops software, tools, and processes to improve operations at Rolls-Royce but they're also helping people throughout the organization, at different knowledge levels, become more familiar with these technologies.



As a team, we decided to roll out DataCamp as it helps us solve Engineering problems in a more efficient way. We don't have to go through the basics, which can slow us down, but instead, we dive right into the details and it helps us develop skills quickly. I learned that about DataCamp first-hand when I previously took a course on Python.

Ricardo Paiva,
Design Systems Specialist, Rolls-Royce



The Challenge

Manual data handling processes for Rolls-Royce were not moving fast enough to keep up with their demands. They had individuals going out and trying to learn new skills to help with the problem, but there was a lack of clarity of what they were learning, and it wasn't translating to an end solution. So the company kept moving forward with very manual processes that slowed the team down without a centralized training program.

The challenge was furthered by the fact that there is so much out there by way of digital technologies. There is no easy way to navigate the clutter and figure out what and how to teach their employees what they needed properly. Without clear training for the whole team, or a straightforward way of building products, each individual ends up going out on their own to learn and develop. This slows things down.

Digital technologies are everywhere, and we need to make sure that our engineers are more familiar with those technologies. We are hoping to be more efficient in what we do and build applications and tools that are more collaborative so that we can design products and offer internal services as more of a group rather than as individuals.

Akin Keskin,
Chief of Design Systems, Rolls-Royce

How The Challenge Was Addressed

Rolls-Royce partnered with DataCamp to create custom tracks, tailored to each role within the organization—including a Python upskilling program for its engineers and a Power BI and data literacy track for their non-technical employees.

Rolls-Royce needed to work around their usual work schedules to train employees to become proficient in a new programming language. That's when Rolls-Royce decided to block off time for their employees and make it part of their work schedule every week. This endorsement from the senior leaders at Rolls-Royce increased the number of employees who could get through the course, and that's when they started to see traction towards their goal. DataCamp is accessible through any internet-enabled device, gave Rolls-Royce employees the flexibility they needed to learn either in the office or remotely.

Ricardo Paiva,
Design Systems Specialist, Rolls-Royce

An online training capability is very important because it is available on demand. It is not dependent on people's schedules or physical location. That is a very important thing to have in a hybrid working environment these days.

Gaining confidence with DataCamp

Rolls-Royce was not only able to utilize DataCamp's courses to 100x the speed of their data handling processes, but they were able to customize it to make it work even better than imagined. It's worked so well, and they've increased their speed so much that they now can use their systems and processes as a recruitment tool. They're finding that the ability to level up the skills of their potential team members quickly gives them a competitive advantage over others trying to hire them.

This is only the beginning, as the team plans to further improve their use of DataCamp to speed up other internal processes for their team and others.

We have a lot of big plans going forward with DataCamp. We've started the conversation build more custom tracks and custom projects for our internal team to use for development and promotions. Being able to consider training in promotions will be huge for our team. We want to give access to all Rolls-Royce Aerospace employees.

Akin Keskin,
Chief of Design Systems, Rolls-Royce



Find out why **80% of the Fortune 1000** choose **DataCamp for Business** for their employee training

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