scarlet

EXPLORE, MONITOR AND PREDICT

Unlock the power of data transforming insights into success with cutting-edge analytics and AI

scarlet.kiwidatascience.com

kiwi data science
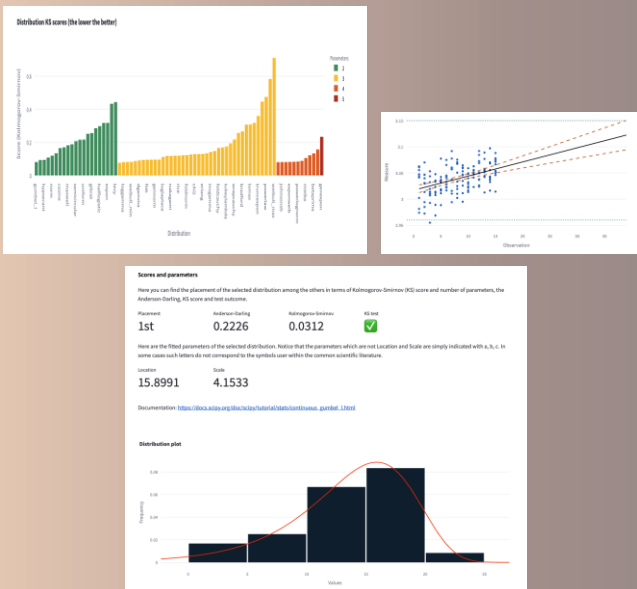
R&D AND QUALITY CONTROL

In today's data-driven world, understanding the intricacies of your data is paramount to unlocking your business's full potential. It serves as the foundation upon which strategic decisions and meaningful insights are built. That's where we come in.

Scarlet is a versatile and user-friendly cloud-based application designed to streamline and automate various quality assessment procedures. Its primary focus is on process control, capability studies, experimental design, and other essential aspects of quality management. With Scarlet, users can efficiently monitor and analyze processes to ensure they meet predefined standards and specifications.

Let us be your trusted partner on the journey towards maximizing your business's full potential.

DESIGNED TO EXTRACT VALUE FROM YOUR DATA

- Cloud-based

- No database required

- Keep processes under statistical control

- Maximize your production yield

- Simplify the quality control assessment

- Generate insightful reports

AUTOMATIC REPORTING

Our product offers a unique feature that sets it apart from others in the market. After performing an in-depth analysis based on user input and data, it generates a personalized PDF report filled with detailed comments and valuable insights. This feature allows users to receive a comprehensive overview of their data, highlighting key findings and providing actionable recommendations. The custom PDF report serves as a concise yet comprehensive resource, empowering users to make informed decisions and take appropriate actions based on the analysis results.
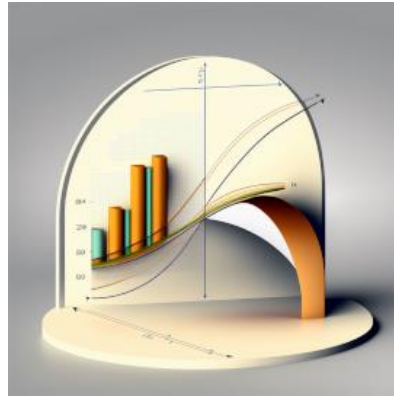
Some of the main analyses included in Scarlet:

CLUSTER ANALYSIS

Uncover patterns and relationships in data, offering user-friendly visualization.

SATURATION MODELLING

Predict and visualizes saturation levels, providing valuable insights for decision-making and planning.

PRODUCT COMPARISON

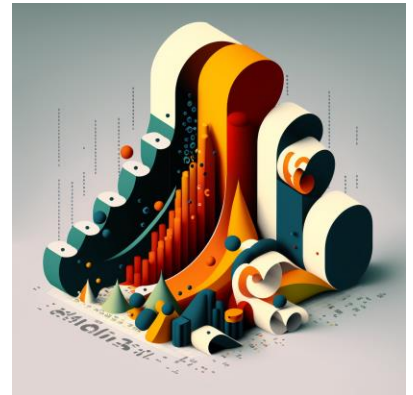Simplify the process of comparing multiple products, providing a platform to evaluate features.

ADVANCED PROCESS CAPABILTY

Perform assessments of capabilities, identify strengths weaknesses, and areas for improvement.

MSA

Enable users to assess measurement system variability and make data-driven decisions.

NON-NORMAL CAPABILITY

Conduct insightful data analysis, taking into account non-normal distributions.

Smart, easy and efficient pipeline that allow to improve decision making and planning

✓ Load your data

✓ Perform the analysis

✓ Receive your personal report

EXCEED QUALITY GOALS

Here are some reasons why Scarlet can help your business and bring your company to the next level:

- Continuous monitoring of production data allows for the quick identification of any anomalies or deviations from optimal operating parameters. This helps prevent more severe and costly issues in the future by enabling timely interventions to resolve failures or inefficiencies.

- By analyzing historical and real-time production data, the software can identify patterns or trends that lead to failures or malfunctions. This enables companies to take preventive measures to enhance the reliability of their facilities, minimizing downtime and increasing overall productivity.

- By analyzing production data, the software can pinpoint areas where resource waste or inefficiencies occur. This enables targeted modifications to reduce operational costs, optimize resource utilization, and improve overall process efficiency.

- Production data analysis software provides valuable insights for making informed business decisions. Through data visualization and information processing, users can gain a clear overview of the performance of the production process, identify areas for improvement, and assess the impact of decisions made.
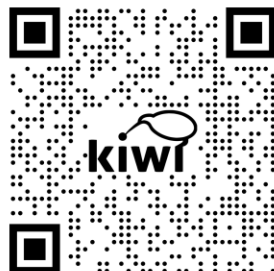
ABOUT US

Kiwi was born in Milan in 2013, thanks to the initiative of physicists and computer scientists who were united by the belief that, in the years to come, the market would increasingly demand tools for "data-driven" decision-making.

The team consists of data scientists with a strong mathematical background and computer scientists specialized in Big Data. The quality of our professionals is of paramount importance.

Our services are aimed at the manufacturing and services sectors, with a focus on extracting value from data while fully embracing the innovations introduced by Industry 4.0.

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