Frenk Kester

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PROFESSIONAL PROFILE

Data and digital product specialist with a background in business, AI and entrepreneurship. Combines plant-science analytics, practical software development and commercial experience to turn complex information into useful tools, products and decisions.

PROFESSIONAL EXPERIENCE

Vivent Biosignals Jun 2026 – Present
Junior Data & Product Specialist Zeist, Netherlands

- Develop customer-facing analytics and dashboards that make plant biosignals, light, irrigation and climate data easier to understand and use.
- Created and refined Plant-Driven Lighting and customer-facing dashboard metrics, including nutrient trends, water-status views and plant light-response indicators.
- Built an automated Python-to-Slack workflow for daily sensor connectivity and trial data-completeness monitoring, now used in production.
- Work with plant scientists, software colleagues and growers to validate results, improve visualisations and support greenhouse trials.

Previously at Vivent: Freelance Data Scientist (Plant Analytics), Dec 2025 – May 2026.

Frenk4Business Jan 2020 – Present
Founder & E-commerce Entrepreneur Honselersdijk, Netherlands

- Founded and developed Regalo Rosa and F4B Diamond Painting, working across product development, branding, suppliers and customer experience.
- Manage Amazon EU, bol.com and Shopify operations; use sales, advertising and inventory data to inform pricing, purchasing and product decisions.

Earlier experience: C&M Kester, Agricultural Employee (2015–2021); practical experience in commercial greenhouse cultivation.

SELECTED DIGITAL PROJECTS

Football Recruitment Intelligence 2026
Developed and deployed a bilingual football research application with open-data player comparisons, documented model limitations and tested data pipelines. (Python, Next.js, TypeScript)

FrenkKester.com 2026
Designed and built a bilingual portfolio website with reusable project pages, responsive interfaces and automated deployment checks. (Next.js, React, TypeScript)

Other projects: Vivent Office Plant Dashboard (Python/PySide6), Dutch extensions to WhisperDictation (Swift) and an ML-based greenhouse LED advice prototype.

EDUCATION

Rotterdam School of Management, Erasmus University Rotterdam 2024 – 2025
MSc Business Information Management, cum laude (8.3/10). Thesis on plant biosignals and data-driven greenhouse LED lighting.

Rotterdam School of Management, Erasmus University Rotterdam 2020 – 2024
BSc Business Administration (7.7/10). Minor: Artificial Intelligence and Societal Impact.

SKILLS & LANGUAGES

Data & AI: Python, SQL, Grafana, data analysis, scikit-learn, machine learning and model validation.

Digital products: Next.js, React, TypeScript, FastAPI, Git/GitHub, interface design, prototyping and testing.

Business: Product development, e-commerce, marketing analytics, stakeholder collaboration and supplier management.

Languages: Dutch (native), English (C1), German (limited working proficiency), Chinese (basic).