



2021
CARLOS MONTENEGRO



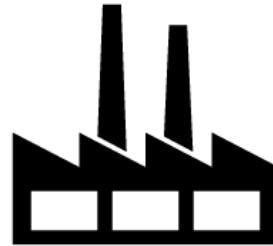
1. NIKE

2. DASHBOARD



Nike's Supply Chain

NIKE



Third party **manufacturer**



Nike **distribution center**



Wholesale partner



Retail



591 in the world.
Most of the production
relies in Asia Pacific (52%
of the footwear and 92%
of the apparel).

67 around the world.
2/3 of the revenues
come from EMEA and
North America.

20 000 in the world.

110 000 in the world.

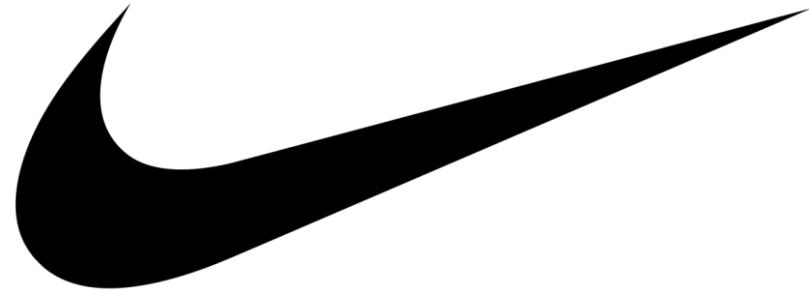
* Products need to first be designed, approved, tested & prototyped



**Recommendation
systems**
("Frequently bought
together")

Forecasting
(Inventory)

Optimization
(Stocking, workload)



Supplier selection
(performance)

Dynamic pricing
(real-time adjustments)

IoT
(customer insight)

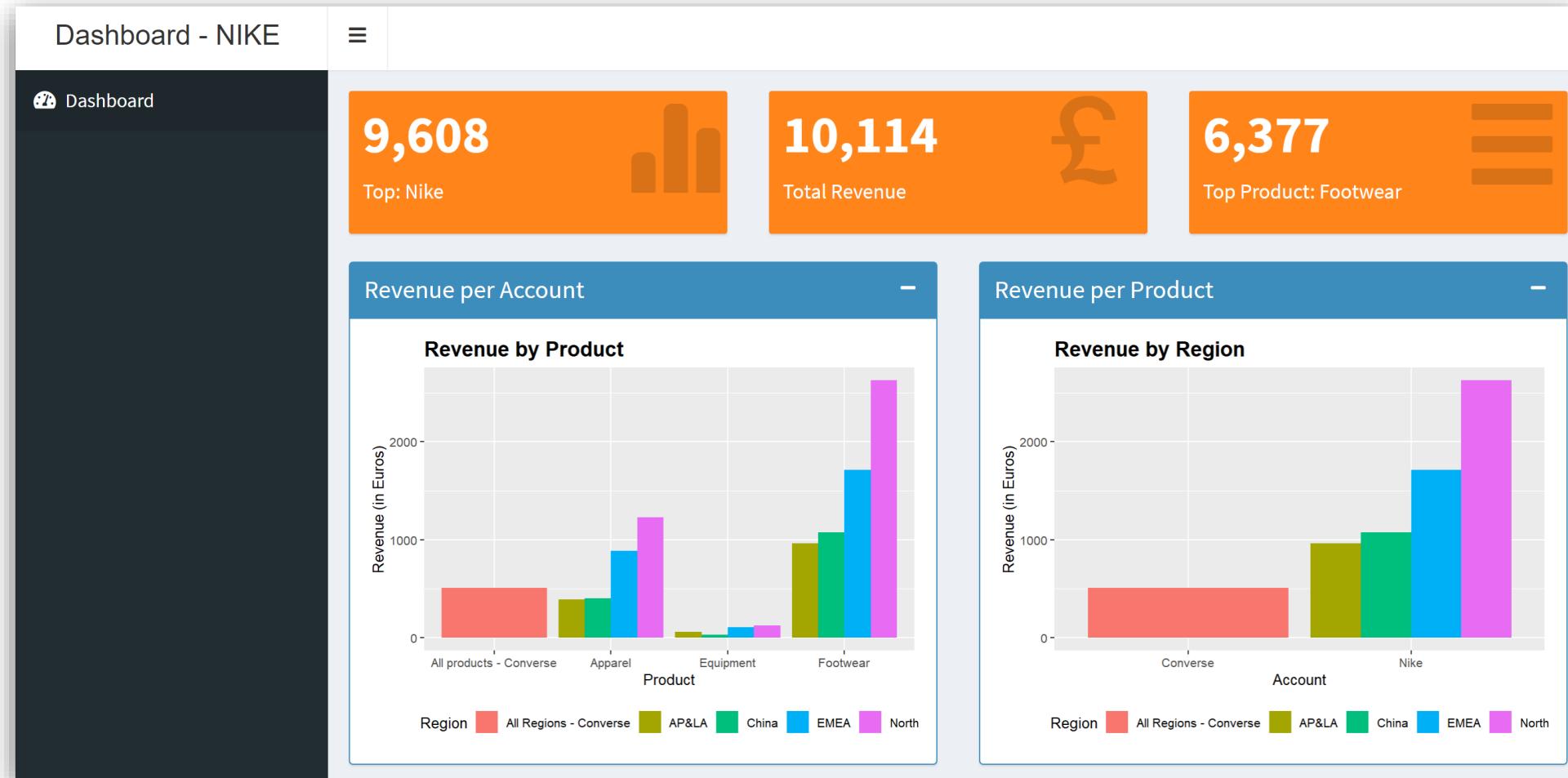
Real-time analytics
(sales, inventory)

* 2017 objectives: Quickly restocking, customer insights (on materials) from concept stores, new products in half a time.



Basic Real-Time Dashboard

DASHBOARD



Perfect Order Measurement

Freight bill accuracy

Inventory Turnover Ratio (ITR)

Cash to Cash Cycle Time

Freight cost per unit

Turn-Earn Index (TEI)

Customer Order Cycle Time

Inventory Turnover

**Gross Margin Return on
Investment (GMROI)**

Fill Rate

Days Sales Outstanding

Days of Supply (DOS)

Supply Chain Cycle Time

Average Payment Period for
Production Materials

Inventory Velocity (IV)

Inventory Days of Supply

On Time Shipping Rate

Full price realization



Current Calculation

Analyst's salary: EUR 2 880

Per hour: EUR 16

Time spend: 3 hours weekly

Time per year:

3 hours * 4 weeks * 12 months = 144 hours

Money: 144 hours * EUR 16 = **EUR 2304**

Real-time dashboard

Analyst's salary: EUR 2 880

Per hour: EUR 16

Time spend in development: 15 hours

Time per year: 30 hours

Money: 30 hours * EUR 16 = **EUR 240**

Saving: EUR 2064

