

Überblick InterSystems BI, Analytics, AI/ML und Reports

Michael Braam | InterSystems



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Agenda

1. InterSystems BI
2. InterSystems Reports
3. Adaptive Analytics
4. ML / KI



InterSystems BI

InterSystems BI

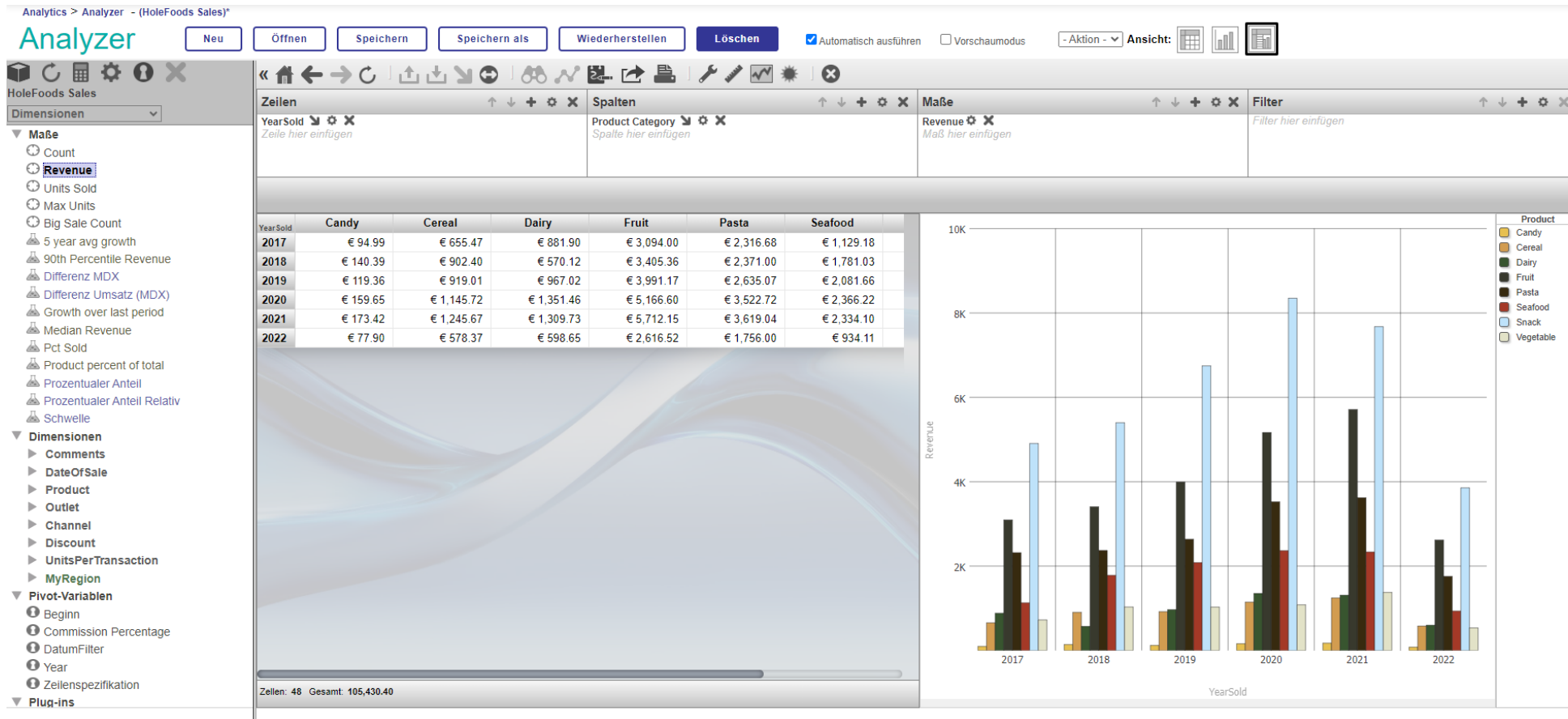


- Bestandteil der InterSystems IRIS Familie
 - Embedded
- Web-UI
- Real-time oder Near-time Analytics
- Physischer Cube
 - Maße
 - Hierarchien / Dimensionen
 - Detaillisten

InterSystems BI



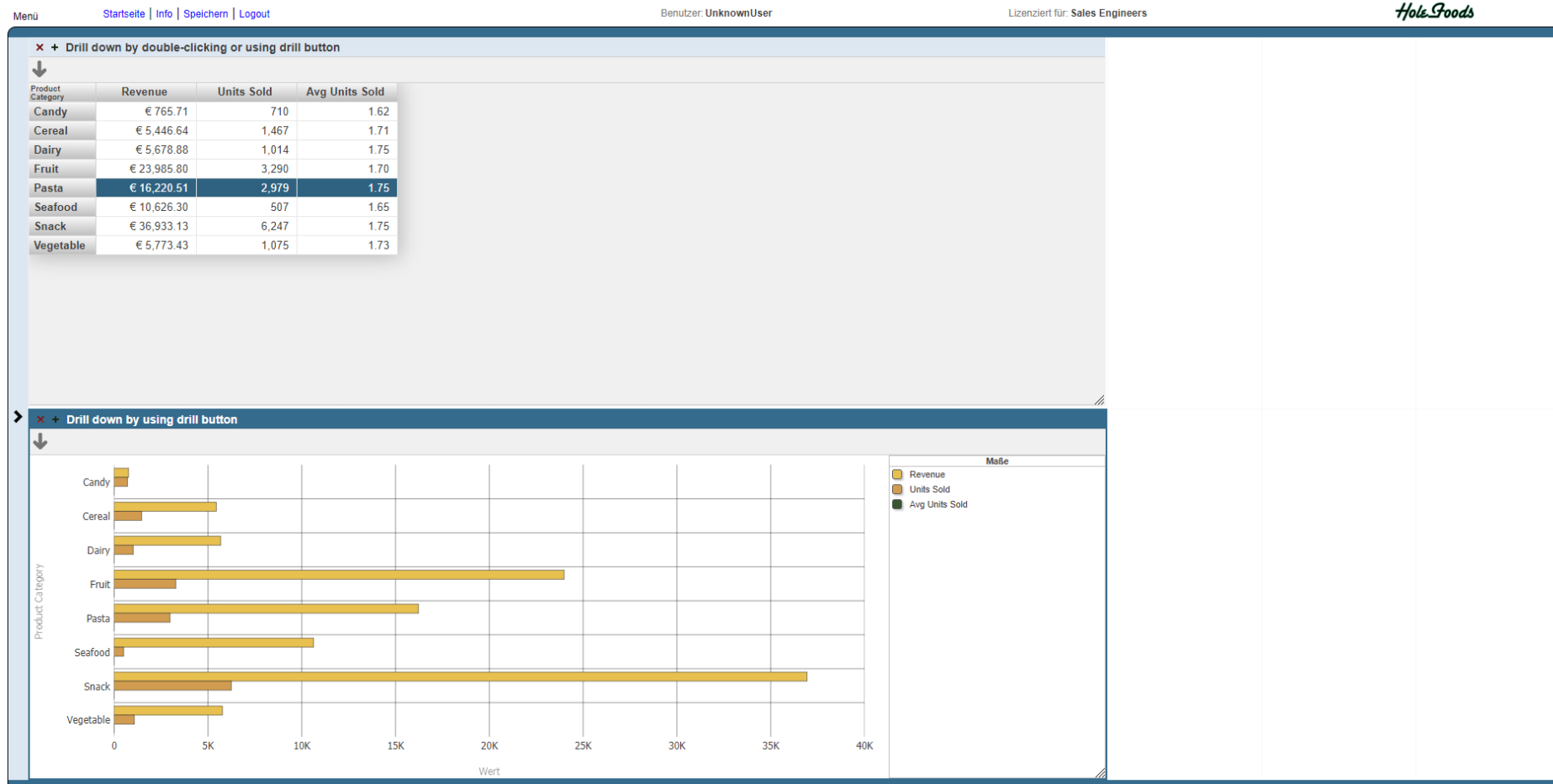
● Ad hoc Analysen



InterSystems BI



● Dashboards



InterSystems BI



- REST-API für Visualisierung mit Webframeworks
- KEIN Reportwerkzeug!!



InterSystems Reports

InterSystems Re



- Klassisches Reporting

- Pixel
- Liste

- Interaktiv

- Web
- Dash

- Realtime

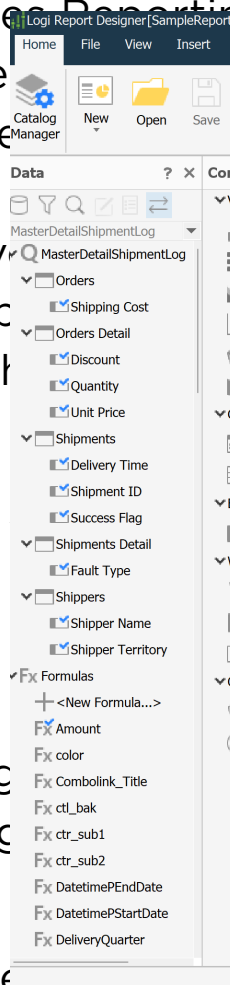
- Separate

- GUI Design

- Drag

- Report-Service

- Termingesteuerte automatische Reporting von Reporten



COFFEE SALES

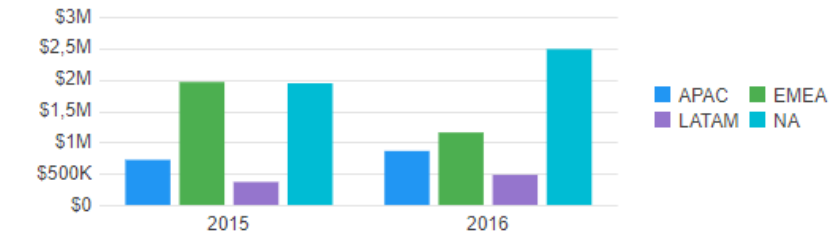
SALES YEAR

2015
2016

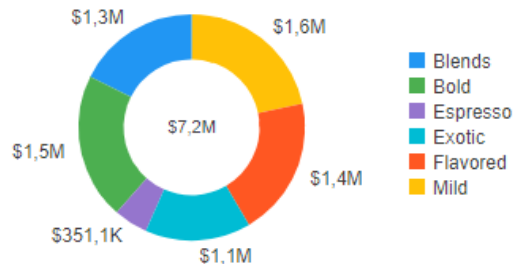
REGION

Asia-Pacific
Europe, Middle East, Africa
Latin America
North America

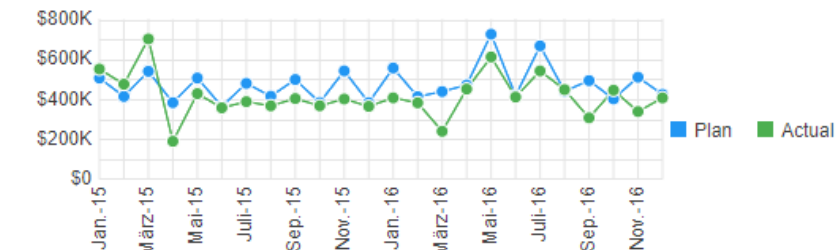
YEARLY SALES BY REGION



GROSS MARGIN BY CATEGORY



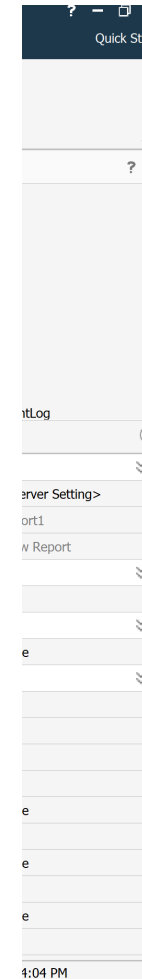
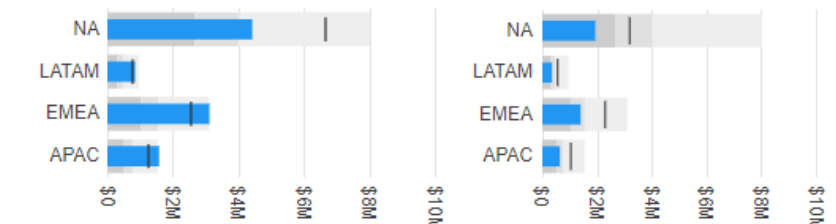
ACTUAL VS PLAN BY SALES MONTH



ACTUAL SALES VS PLAN SALES

Category	Plan Sales	Actual Sales
Blends	\$2M	\$2M
Bold	\$2M	\$2M
Espresso	\$701K	\$453K
Exotic	\$2M	\$1M
Flavored	\$3M	\$2M
Mild	\$2M	\$2M

SALES & PROFIT



InterSystems Reports



- Responsive UI (Browser)
- Komplette Anpassbarkeit und in die Applikation integrierbar
- Datenzugriff über JDBC
 - Tabellen, Views, Stored Procedures, Queries,...

Masterclass mit HandsOn: Using InterSystems Reports for Insights

Stephan Mohr | InterSystems



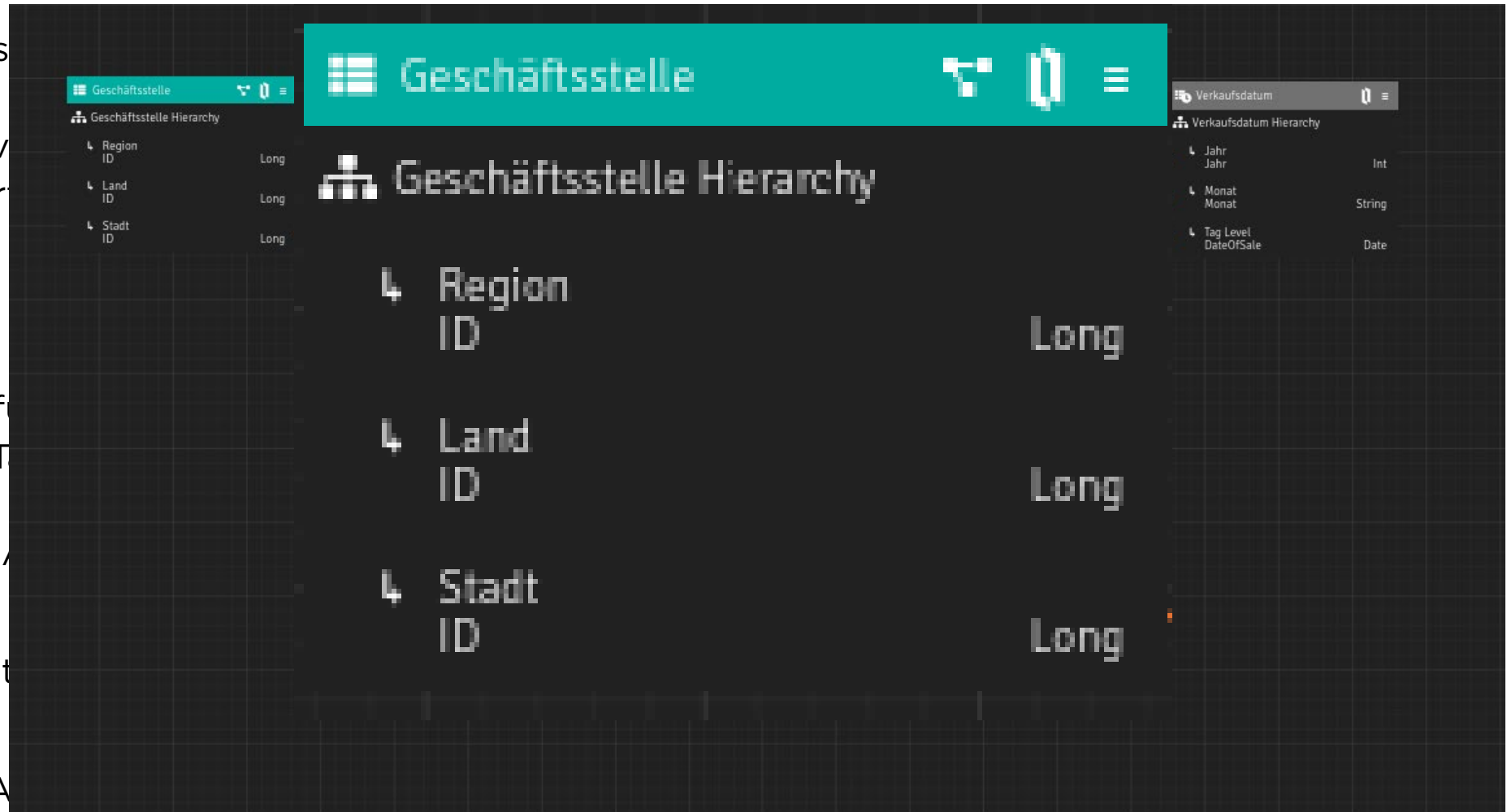


Adaptive Analytics

Adaptive Analytics



- Big Data Analysis
- Konzept eines v
 - Abstrahier
- Kein eigenes UI
- Cubes werden f
 - PowerBI, T
- Kein Real-Time A
- Performanceopt
- Erfordert eine A





ML / KI

ML / KI



- IntegratedML
 - ML mit SQL ähnlicher Syntax (CREATE MODEL..., TRAIN MODEL..., VALIDATE MODEL...)
 - Automatisches Feature-Engineering und Datennormalisierung, ...
- Embedded Python
- Python Gateway / External Language Server

Vielen Dank

