OAC ML Addressing Analysts

OAC ML

= Citizen Data Science Solution

The ability to undertake machine learning full cycle without the user having to write any code at all. Oracle Analytics utilize the skills within an organization to enable the benefits of data science, instead of relying on external resources.
The Data Citizen OAC ML Experience

Typical ML design cycle

1. Data loading
2. Data preparation
3. Exploratory analysis
4. Model development
5. Model evaluation
6. Model deploy/consumption

OAC ML = Analyst friendly experience for all steps
1. Directly connect to 40+ different multi-structure sources, includes SaaS applications
2. Source from Rich Enterprise Semantic layer
3. Blend any data regardless of its source or type
1. Automatic Data Prep & Enrichment
2. Easy Live Calcs, Groupings & Binings
3. Analyst Friendly Data Flows
OAC ML: Exploratory Data Analysis

1. Data loading
2. Data preparation
3. Exploratory data analysis
4. Model development
5. Model evaluation
6. Model deploy/consume

1. Intuitive Interactive visualizations (correlation M.)
2. Automatic deep insights on dataset
3. Automatic Influencers identification
1. Simplified Model Training Experience
2. Rich set of OOB Algorithms
3. Running on any data-source
1. Immediate & visual model quality stats
2. On the fly comparative model results dataviz: Scenarios
3. Batch model Apply
1. Immediate & visual model quality stats
2. On the fly comparative model results dataviz
3. Batch model Apply

OAC ML : Model Deployment

1. Data loading
2. Data preparation
3. Exploratory analysis
4. Model development
5. Model evaluation
6. Model deploy/consume
What is OAC ML?

1. A Citizen Data Scientist sandbox to initiate & prototype Models and refine ML requirements
   - Easily blend source datasets
   - Easy enrich model inputs
   - Help quickly identify relevant features

2. A way for analysts to friendly collaborate with Data scientists, enhancing DS process making it more efficient

3. A business user friendly home to Consume any ML Models (*)