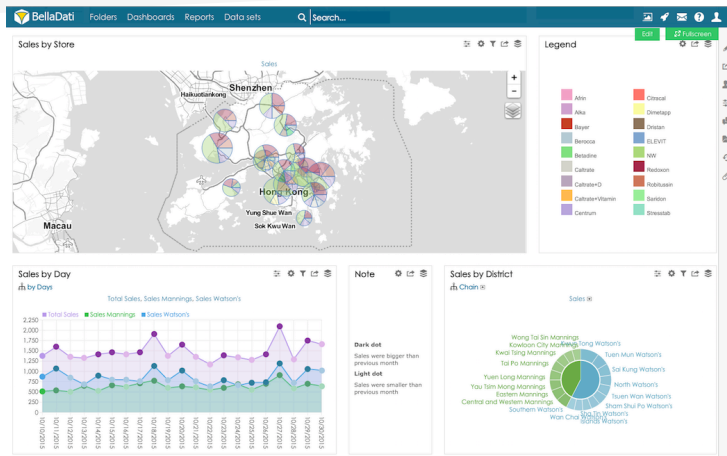# BellaDati Training - Intro

Agenda

- **Product introduction, resources**
  - BellaDati key features
- **Product introduction, resources**
  - Report
  - Dashboard
  - Data
- **Users, user groups**
  - Creating, managing, deleting
- **Permission model**

BellaDati

Agenda

- **Domain**
  - customization
  - backup & restore

BellaDati

BellaDati Product

- BellaDati is an agile BI system
- Built-in data warehouse
- Connective to standard data sources (SQL, FTP, URL, …) and big-data engines (MongoDB, Hadoop platform)
- Completely running in your web browser
- Available on smartphones and tablets
- Running as a cloud service and installable on-premise
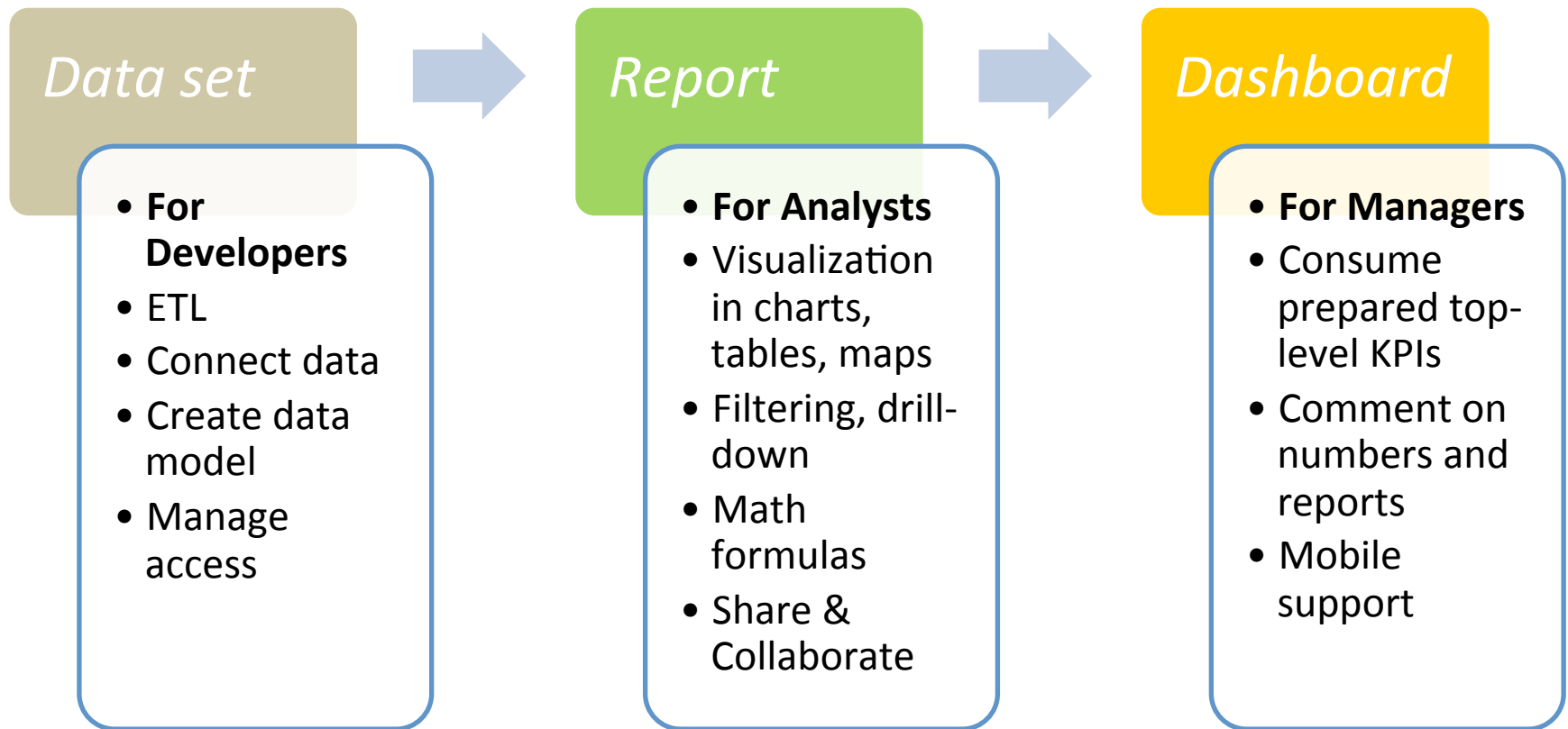
Documentation

- visit our website

  http://www.belladati.com

- general support, documentation, video tutorials:

  http://support.belladati.com

BellaDati

Basic concept

Data set → **Report** → **Dashboard**

Data set
- **For Developers**
- ETL
- Connect data
- Create data model
- Manage access

Report
- **For Analysts**
- Visualization in charts, tables, maps
- Filtering, drill-down
- Math formulas
- Share & Collaborate

Dashboard
- **For Managers**
- Consume prepared top-level KPIs
- Comment on numbers and reports
- Mobile support

BellaDati

BellaDati Key Features

Visualization and agile reporting

- flexible and interactive layouts working in all major web browsers

- 5 view types to display – chart, table, KPI, maps, custom

- over 250 charts combinations

- GEO maps support

- in-report custom KPI definitions

- scripting support for advanced formulas, code editors

- analytical operations support - drill-down, drill-through

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BellaDati Key Features

Collaboration and sharing

- share online and offline with your colleagues

- embed or just send the chart link

- comment directly on numbers in tables and charts

- run conversation and receive notifications

- track changes on your dashboard

BellaDati

BellaDati Key Features

Mobile extension for smart phones & tablets

- oriented on consumers (managers)
- basic filters and data interval settings
- offline & online mode
- stay in touch with your team
- on Apple AppStore and Google Play

BellaDati

BellaDati Key Features

Ready-made connectors & REST API

- automated upload from FTP, URL, SQL databases or SOAP web services

- support for over 100 SQL databases

- support for online services like Google, SalesForce

- connectivity to social networks - Twitter, Facebook

- build your own connector using the REST API

- visit http://dev.belladati.com

BellaDati

BellaDati Key Features

BellaDati extensibility

- Whitelabeling – rebrand BellaDati according to your preferred look & feel

- Embed live visualisations using iFrames (anonymous, authenticated or with SSO)

- Build your own applications over the REST API

- Customize BellaDati itself using Client API

- Create own visualisations or extend BellaDati Charts SDK

- Visit: http://support.belladati.com/techdoc/Extensibility+of+BellaDati

BellaDati

Common features

- **Popup windows**
  - With move and close option (like on desktop applications)
- **Inline edit component**
- **User, data set and report links**
  - Active on mouse hover, display the details
- **Errors handling (Faux-pas)**
  - Concurrent access
  - Object not found
  - Operation is not permitted
  - Unknown error, unlikely but possible, it's just a software

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User management

Login to BellaDati

- **username format**
  - administrator can assign non-standard usernames
- **password policy**
  - strong password is required – must contain 8 characters and at lease one uppercase, one lowercase and one digit
  - account locking feature
- **lost passwords, password reset**
- **configurable automatic registration**
  - ActiveDirectory, LDAP integration
  - Connection to user directories, synchronization with user directories
  - Customizable login/registration forms
- **logout**
  - by default you stay logged in until you logout or close browser window
  - configurable timeout

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User management

- **Create and manage**
  - Usernames are unique
- **Bulk import from CSV, including groups assignment**
- **Delete users**
  - Re-associate owned data sets and reports to existing user
- **Activate/deactivate users, set expiration date**
- **Unlock locked accounts**
- **Send password change request**
- **User login activity overview**
- **Access to list of user reports**

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User profile

- **Preferred language settings**
  - EN, CZ, SK, TU, ZH, JA, PO, KO, SP, DU
  - Continuously improved and extended
- **Time zone settings**
  - the domain time zone by default
- **Password changing**
- **Chart display technology option**
  - Leave auto for most cases
  - SVG/VML is supported by most browsers – Chrome, Firefox, Internet Explorer 7, Opera, Safari
  - Flash has limited support for new charts
- **Hints invocation settings**
- **Date/time and numbers format settings**
  - Takes domain settings by default

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User groups

- **Better users organization**
  - e.g. departments, analysts, managers
- **Group specific roles**
  - Inherited by all group members
  - You can use groups in data sets, reports and dashboards

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Permissions model

Domain admin	Data manager	Report editor	All users
• Users management • Domain management • Application settings • Has read/write access to all dashboards, reports and data sets • Data manager and report editor	• Data sets management • Imports data • Defines data connectors • ETL • Sharing • Can't create report	• Creates the report • Define the entire content of the report • Access to shared data sets • Can't create data set	• Access to all shared reports and dashboards • Create own dashboard

BellaDati

Domain

Domain

Domain

Users

Data sets

Reports

Dashboards

- All users, data sets, reports and dashboards are associated with single domain
- All roles and permissions has always the domain scope
- Cross domain sharing available

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Domain

- **Customizable look & feel**
  - Logo, colors, fonts, login page and emails through customized style sheet,
- **Date time format settings**
  - Using standard y/m/d H:m patterns
  - Applicable for entire domain
- **Numbers format**
  - Decimal & grouping separator
- **Time zone & language settings**
- **Basic usage statistic**
- **External sharing control**

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Domain

- **Re-index and cleanup functions**
- **Backup & Restore**
  - In form of XML metadata file
  - Includes all data sets, reports and dashboards
  - Useful for migrations
- **oAuth settings (open authentication standard)**
  - Provides the authentication details for REST communication
  - Used by BellaDati Mobile mobile extension

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Q&A