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| **Features** | **SAP BO** | **Finbot** |
| Visual Data Exploration | Discover new patterns, blazingly fast insights by visually exploring relevant data. Identify key relationships, unearth hidden opportunities. | Create visualization Template.  Built-in Visualization.  Multiple Drill Down |
| Easy Analytics | Spot correlations, pinpoint exceptions, forecast trends, predict outcomes, way beyond descriptive analytics.  Any data (including big-data), real time, predictive. |  |
| Interactive Reporting and Dashboards | Self-service, adhoc reporting environment lets the user create distribution-quality reports and analytics dashboards without IT help. Basic capabilities of data access, mashup, filtering and data transformation are built in to BI tools. | Built in reports  Reports Template Creation.  Finbot Document Template for formatting the report. |
| Collaboration | Can connect with Microsoft office applications including outlook and excel. Business users can easily create storyboards or narratives and have meaningful conversations. | Can connect with multiple sources to collate data |
| Mobile BI | Integrate BI and analytics in to a workflow or other app on mobile devices (Tablets or smartphones) | Responsive UI to be able to login through any device |
| DB Support | * Support to Amazon Elastic MapReduce, Hadoop Hive, Cloudera, Apache Spark 1.1 * Improved access to Oracle Exadata, Oracle OLAP and Oracle Essbase * Enhanced workflow capabilities with SAP HANA and BW | * Oracle DB * PostgreSQL * SQL Server * Microsoft Excel |
| Visualization | * Discover, Predict, Create – agile visualization. * Forecast and predict future outcomes. * Modules: SAP Lumira, SAP Business Objects Explorer, SAP Business Objects Analysis, SAP Predictive Analysis * Connect web intelligence to third party visualization services. * Support HTTP and HTTPS . * Support for HTML (PNG, JPG or gif) * Support for publication and scheduling (bitmap format only. | * Inbuilt Visualizations * Visualization Creation Template for end users * Multiple drill downs * Multiple Visualizations in single page * Download of created Visual images |
| Dashboards and Apps | * Powerful environment to build interactive and visually appealing analytics * Rich set of controls : buttons, list boxes, drop-downs, crosstabs, charts… * Custom codes to build and extent workflows * Modules: SAP Business Objects Design Studio, SAP Business Objects Dashboard | * Powerful Visualization creation Template which allows end users to create their own templates. * Rich set of inbuilt formatting for reports creation templates * Minimum technical knowledge required to create the templates. |
| Reports | * Quickly build formatted reports on any data sources * End users to easily create and modify their own reports * Modules: SAP Business Objects Web Intelligence, SAP Crystal Reports | * Very rich report creation template with document formatting. * End users to easily create and modify their own reports. * Inbuilt reports apart from the report creation templates |
| User notification | * Easily broadcast information to single user/group or all users * Specify the timeline for the notification visible * Send notification as e-mail * Notifications to show-up in BI launch-pad * Notification available at myAlerts | * Distribution list can be created. * The generated reports can be distributed to a group/user to his inbox or through e-mail or both. * Users can create Reminders which will be popped up in the scheduled time. This will be available in the alert as well. |
| Recycle Bin | * Easily restore accidently deleted content. |  |
| Commentary | * A service provided by the platform for all clients. * Stored in the audit db or selected db * Comment actions recorded in Audit database |  |
| Administrator cockpit | * Simplified visual page. * Drillable to see the details * Specific action * Upgrade Manager: Specify the log level, on the UI, New filter options for selection, Export pending/recurring instances * Define log level settings * Visualize the log directory. | * Easy to use UI for user, roles, groups, reports allocation for admin * Unique dashboards for admin. * Report parameters, formats (PDF, Excel, Doc, xml, etc) can be configured. * Bank, branch, group level parameter configuration. * Access control configuration |
| Shared Elements and Geo Maps | * Updated shared elements can be easily refreshed within the document * Create Geomaps using web intelligence. * New Geo Chloropleth, Geo Bubbles Geo Pie Charts. |  |
| Audit | * Enriched auditable options * Improved scalability |  |
| Installation | * Web based Installer available with an easy user interface. |  |
| API | * User Management API * Content Management API * Open Document * Translation Manager * Crystal Reports SDK |  |
| Consolidator |  | * GL Consolidator Reports creation: User can create different consolidated reports like GL, Balance Sheet, Credit Report, P&L etc. |
| Automatic Scheduler |  | * A well designed automatic scheduler which will help the organization to schedule the report based on period such as daily/weekly/monthly etc. which will automatically schedule the reports and send to the group/user automatically after generating. |

**SAP Predictive Analytics:**

What are the 5 things that predictive analytics can do?

1. Instantly predict market trends and customer needs
2. Create customized offers for each segment and channel.
3. Predict how market price volatility will impact the production plan
4. Foresee changes in demand and supply across the entire supply chain.
5. Proactively manage the workforce by attaching and retaining talents

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**What will happen?**

**Why did it happen?**

**What happened?**

What is the best that could happen?

Standard, adhoc reports, visualization

Drill down analysis

Data discovery

Predictive Modeling

Real-time Predictive analysis

**Advantages of Finbot over SAP BO:**

1. Ease of use
2. Finbot has got a report and visualization formatting template for the end users with minimum programming knowledge
3. All the reports can be distributed to a user/group of users to their inbox or via e-mail.
4. Tailor-made for BFSI sector.
5. GL Consolidator: User can create any GL reports on the go and save it for future use
6. XML Generator for regulatory requirements
7. In-built reports/visualization for BFSI segment
8. Can collate data from multiple sources to bring in information with the help of reports or visualization.
9. Role level security available and the reports can be linked to roles so that everyone cannot take all the reports.
10. Responsive in any device
11. A well designed automatic scheduler which will help the organization to schedule the report based on period such as daily/weekly/monthly etc. which will automatically generate the reports and send to the group/user automatically.
12. Organization/User/Role level configurable parameters
13. Can configure different groups for zones, areas, regions, country etc. for grouping the branches so as to take the consolidated reports for a particular group of branches.
14. Reports output can be configured to be taken in different format (PDF, XLS, DOC, XML etc.).
15. Reminders can be created.

**Shortcoming of Finbot over SAP BO**

1. Predictions and analytics are limited. In some cases, only prototypes are available.
2. Dashboards cannot be customized by users
3. Collaboration and notifications are not available. Only reports can be distributed. SAP BO has a facility to broadcast, message, send alerts etc. which is not available in Finbot.
4. Very limited Audit facility.
5. Shared elements and geo maps not available.
6. Installation tool kit not available. Installation is manual.
7. Users need to know Jasper reporting and DB query building to create complex reports/visualization.
8. Modularized APIs not available for plug-and-play.
9. Visualization is available only from single source.
10. Recycle bin not available.