ORACLE

New Features of the PeopleSoft Analytic Landscape

Matthew Haavisto

Madhavi Makkapati

Tammy Boyles

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Agenda

- Key Initiatives
- Personalized Analytic Notifications
- Kibana with PeopleSoft
- Resources

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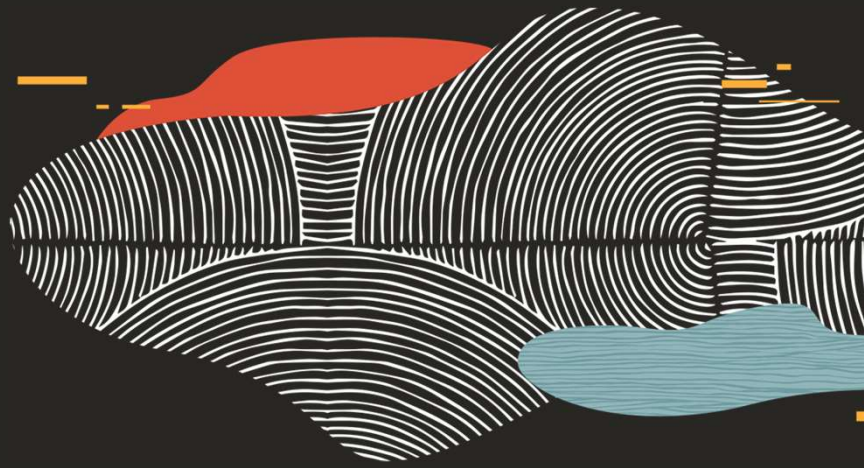
Our Goal

Inform customers about powerful new analytic capabilities, and demonstrate how analytics can be used to transform how users work.



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Why this matters

Improves visualization and understanding of information, provides better decision support, transforms business rule insight and adherence.

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Key Initiatives

New Tools and Trends

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Key PeopleSoft Initiatives

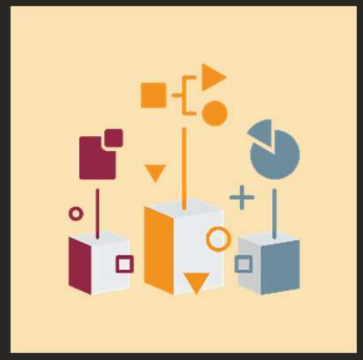
Analytics and Insight

Relevant information,
Put the system to work

Optimized User Experience

Focus on the user

Reusable Frameworks



Powerful leverage

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Personalized Analytic Notifications

What They Are
Why They Are Valuable

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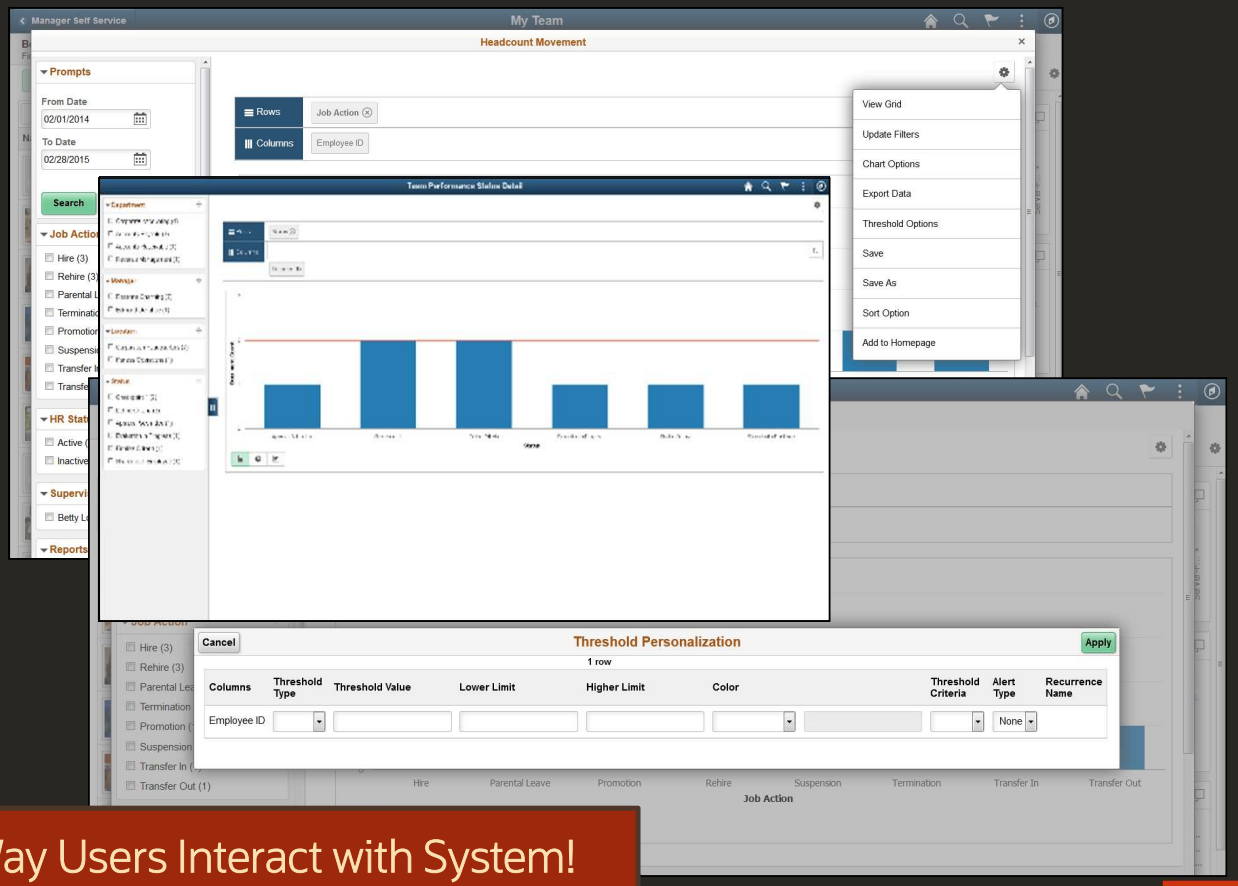
Personalized Analytic Notifications

- Set thresholds in Pivot Grids
- System alerts users to conditions that need attention—when criteria are met
- Personalize thresholds from the pivot grid viewer
- Notify via email or alerts



Changes the Way Users Interact with System!

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Pivot Grid Threshold Framework

Available Values

- Range
  - Above Range
  - Below Range
  - In Range
  - Out of Range
- Distinct
  - Equal
  - Not Equal
  - Greater Than
  - Less Than

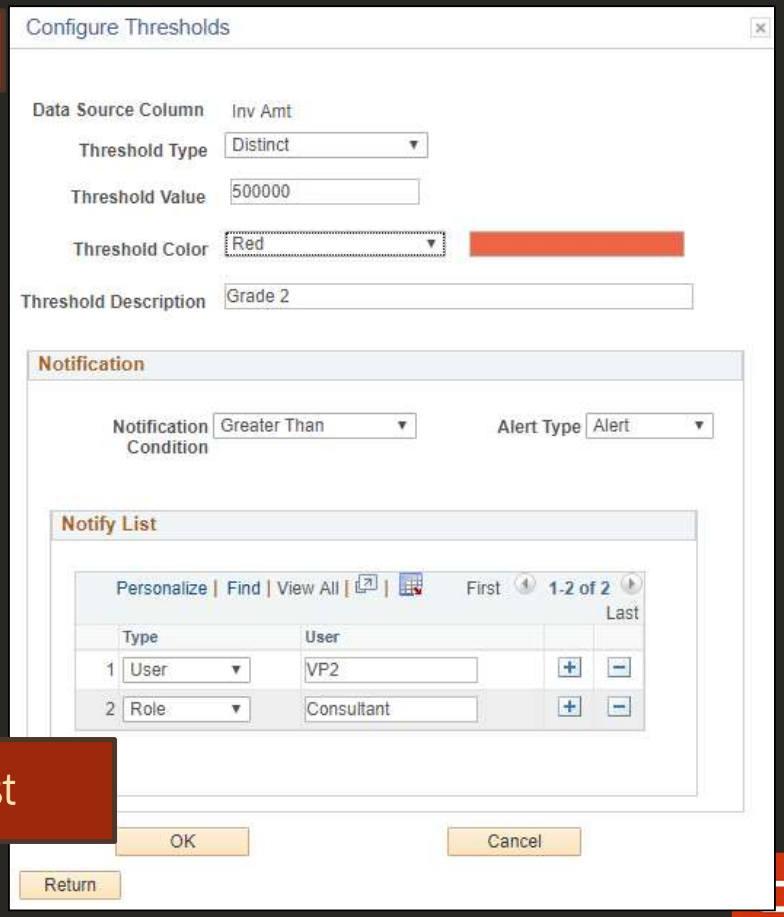
Set in Pivot Grid Wizard

Notification Type

- Push Alert
- Mail
- Both
- None (user choice)

Notification List (users and roles)

Evaluated at Process Schedule Request



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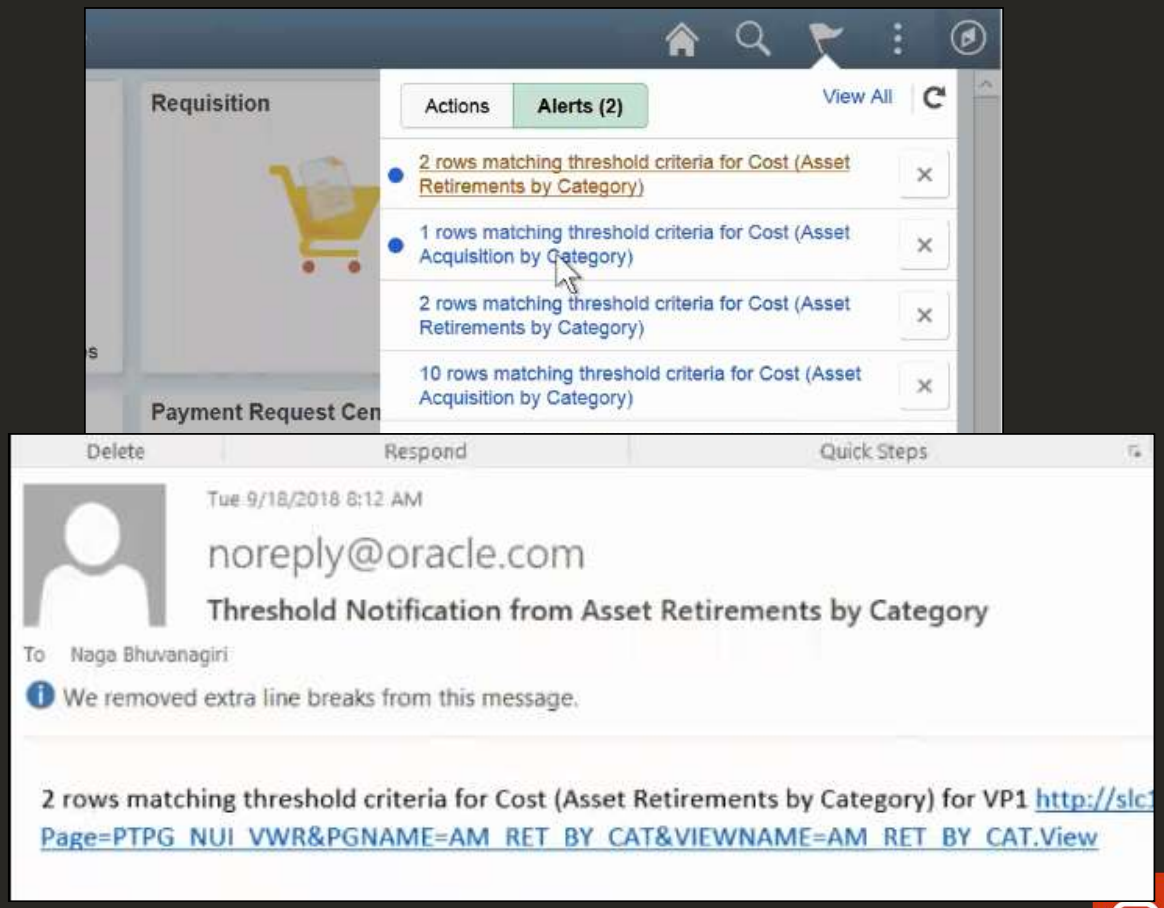
Notifications of Threshold Violations

- User receives one message for all violations of thresholds on the pivot grid model
- Clicking the notification takes the user to the pivot grid where they can see the violation
- Admin set notification frequency
- Text Notifications (planned)



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The Value of Thresholds and Notifications

Captures and enforces important business rules

Easy to set up for administrators and easy to use for end users

Users don't need to be logged in to PeopleSoft to be notified

Uses existing analytic frameworks

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Configuration—Key Points

- The Pivot Grid model generally should have the threshold personalization enabled
- The user is then allowed to subscribe to notifications or be a part of the notification list
- The Pivot Grid model should be added to the notification list by mapping it with a recurrence

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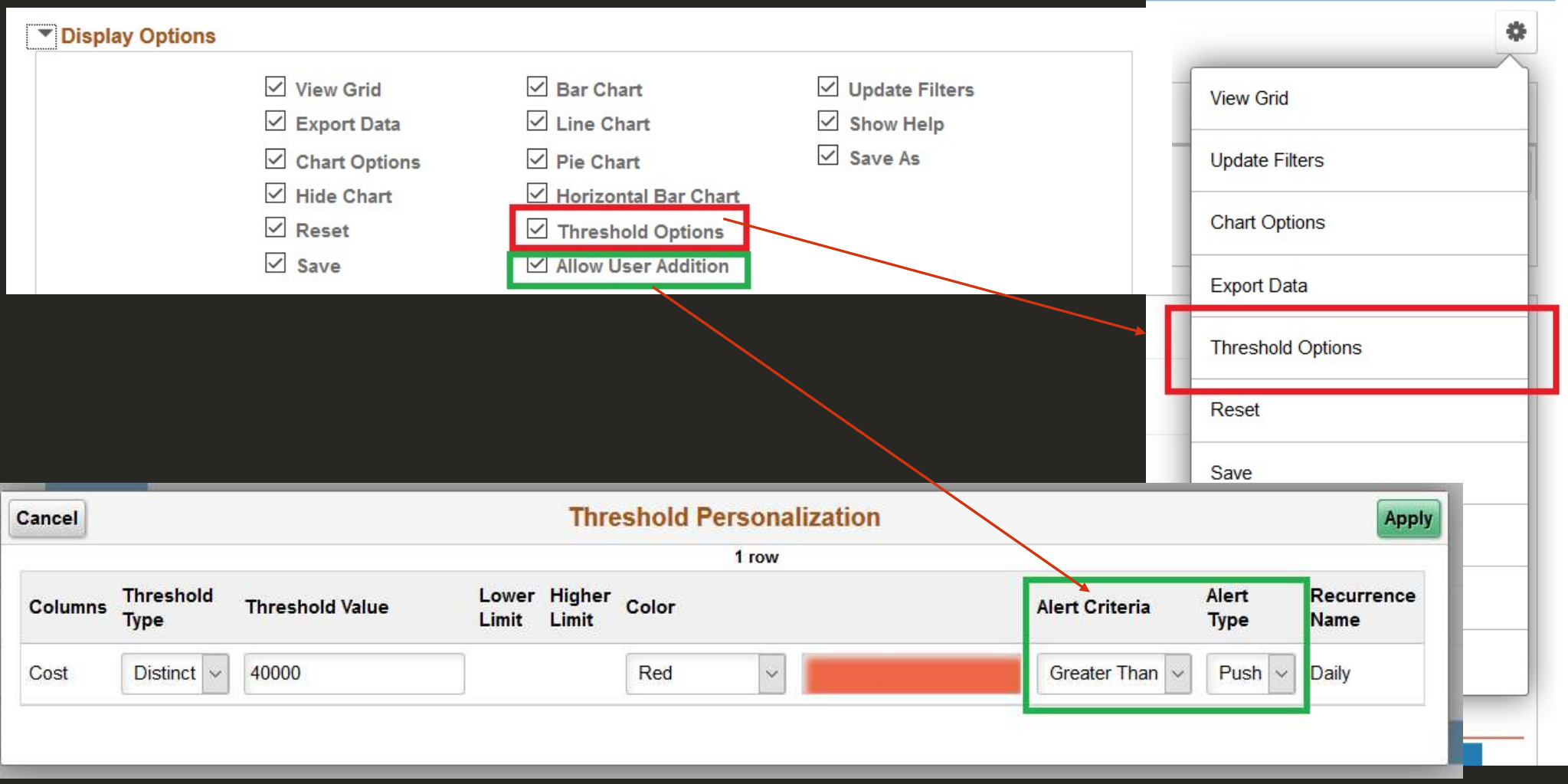

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On The Horizon

Personalized Analytic Notifications

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Personalized Analytic Notifications

- Threshold settings and notifications at individual Data point level
- Threshold visualization for Dual Y-Axis charts
- Notification options are set at System level with Personalization enabled
- Notification options at system level or user level apply for the Personalized Analytic Notifications
- Administrator may chose a list of users to be subscribed or leave it open for all users to subscribe

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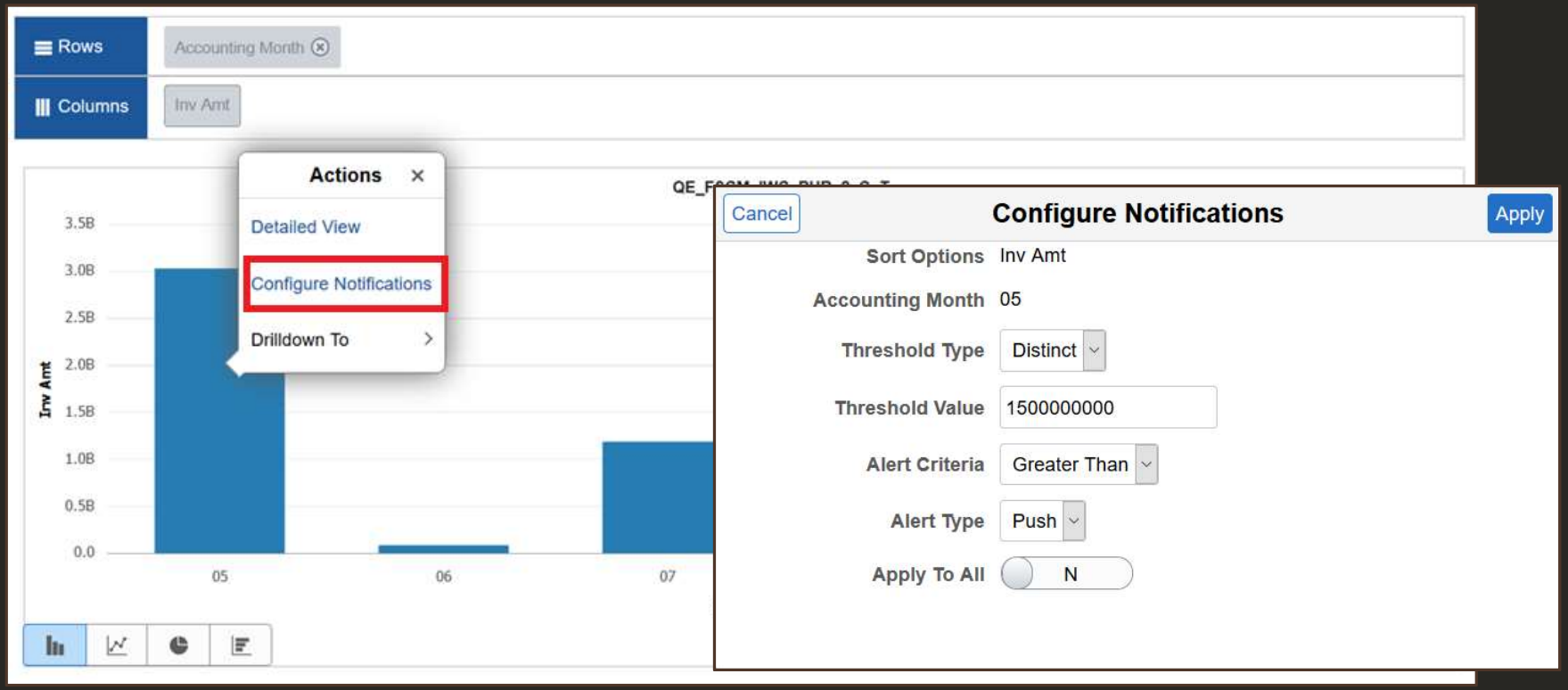
Individual Data Point Thresholds



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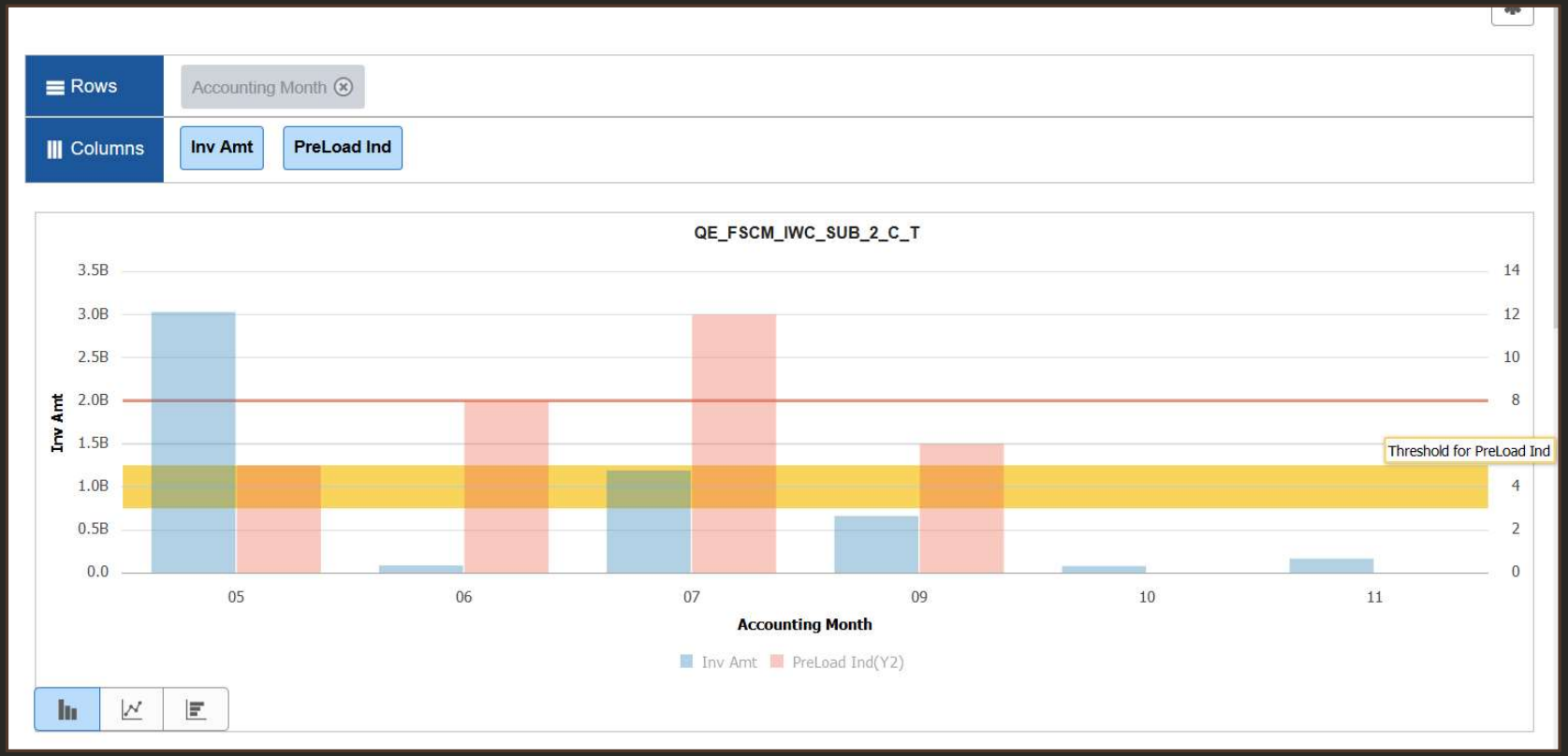
Dual Thresholds



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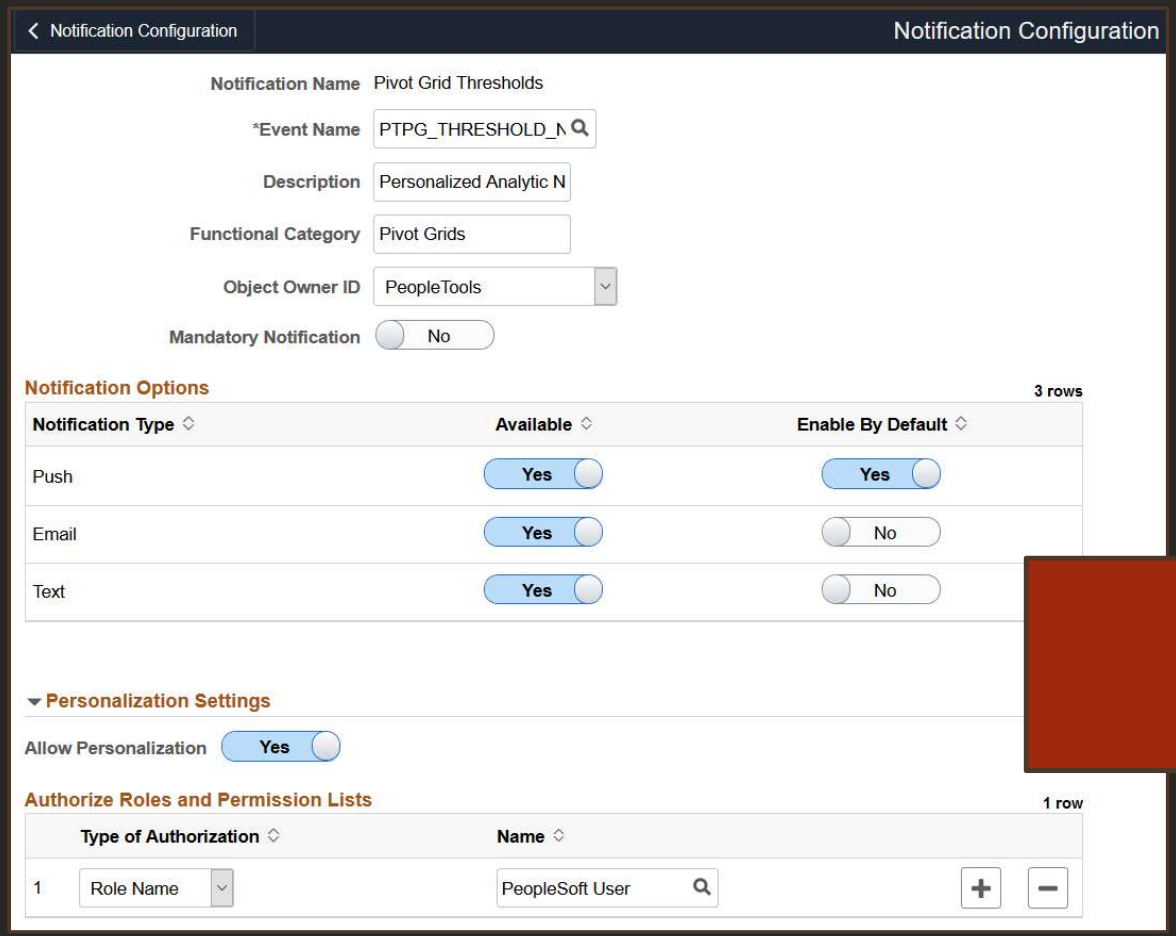
Notification Configuration



Administrator's View
(will change!)

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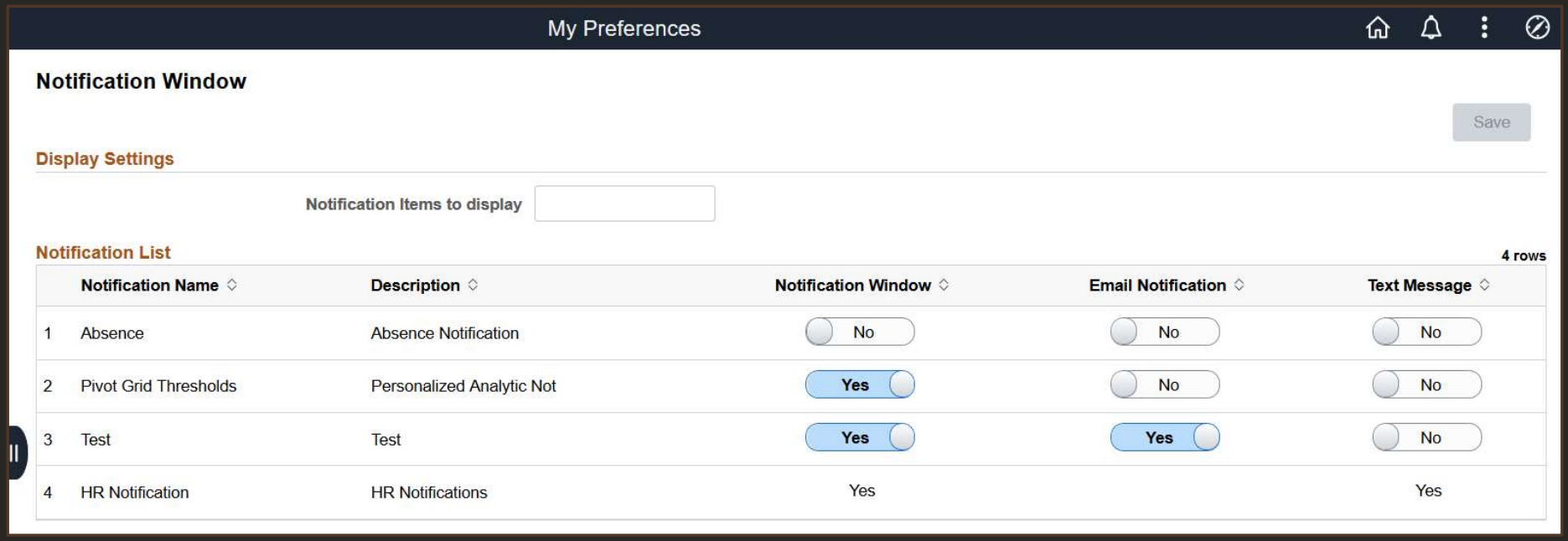
Notification Preferences



User's View
(Will Change!)

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Application Examples

Some Planned Thresholds from Our Applications

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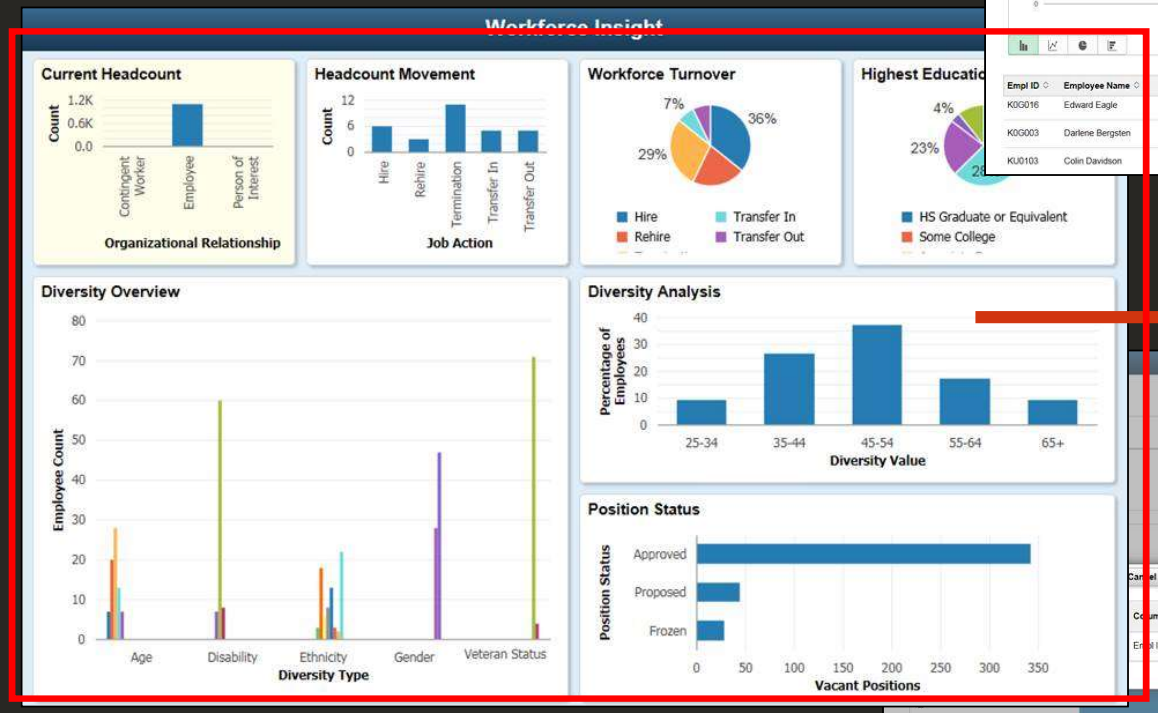
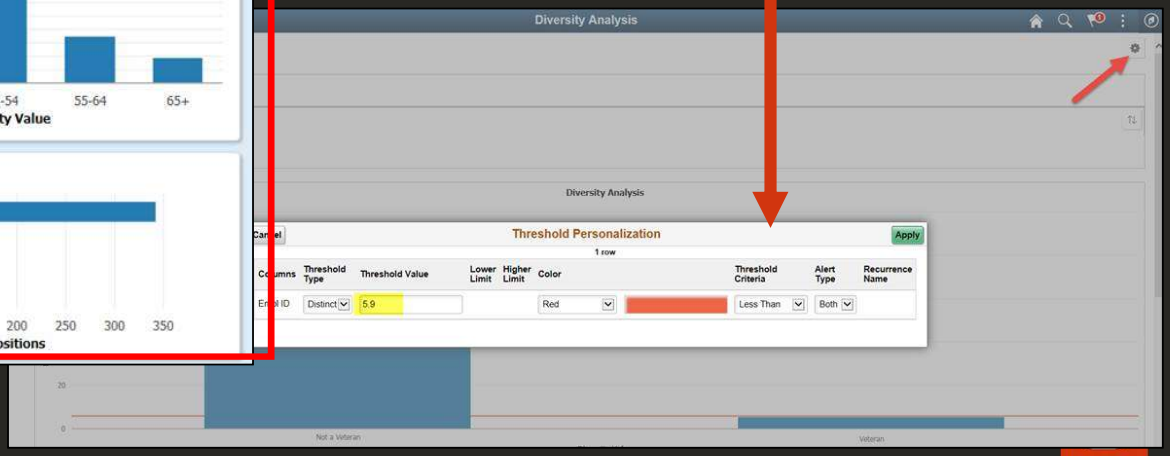
Workforce Insight

Any Pivot Grid can be used for thresholds and notifications





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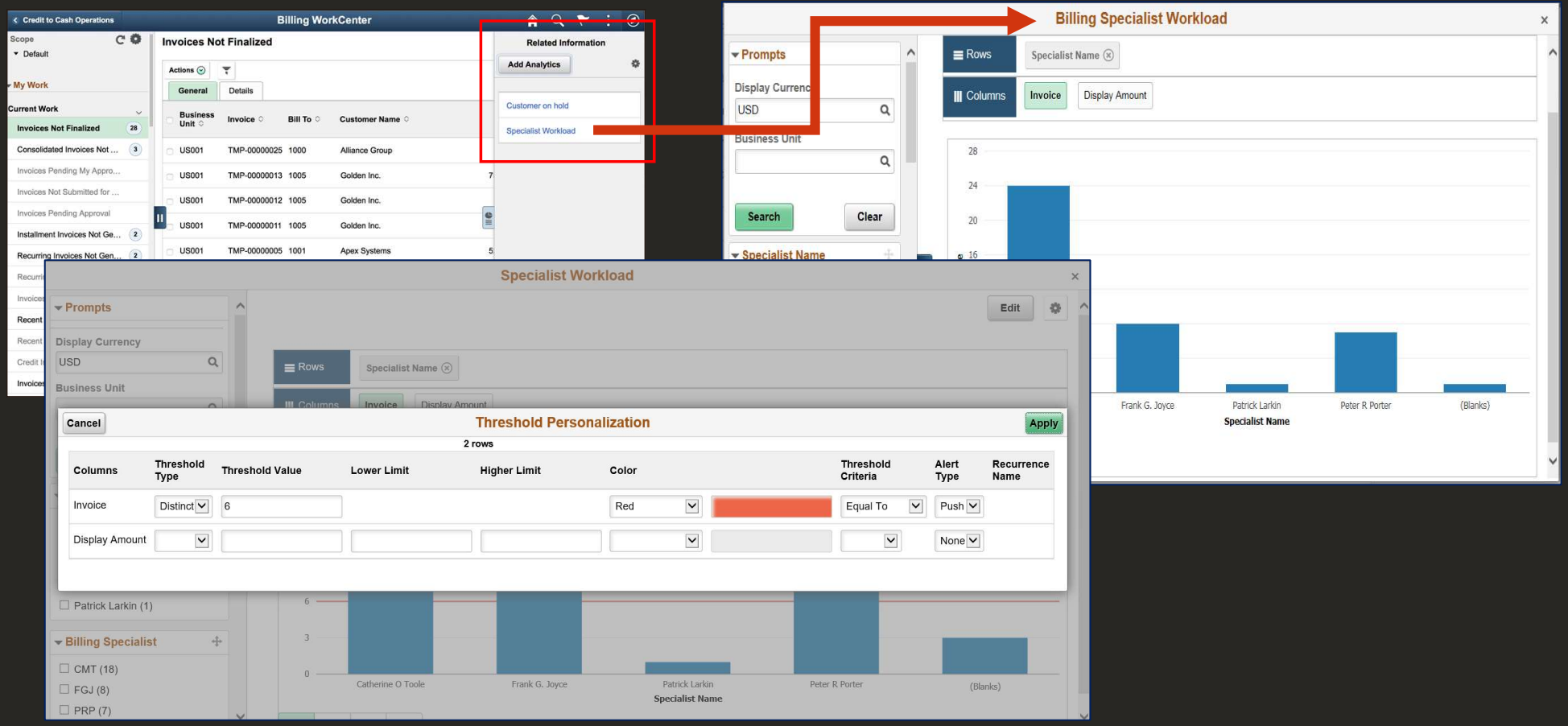
Financial WorkCenters



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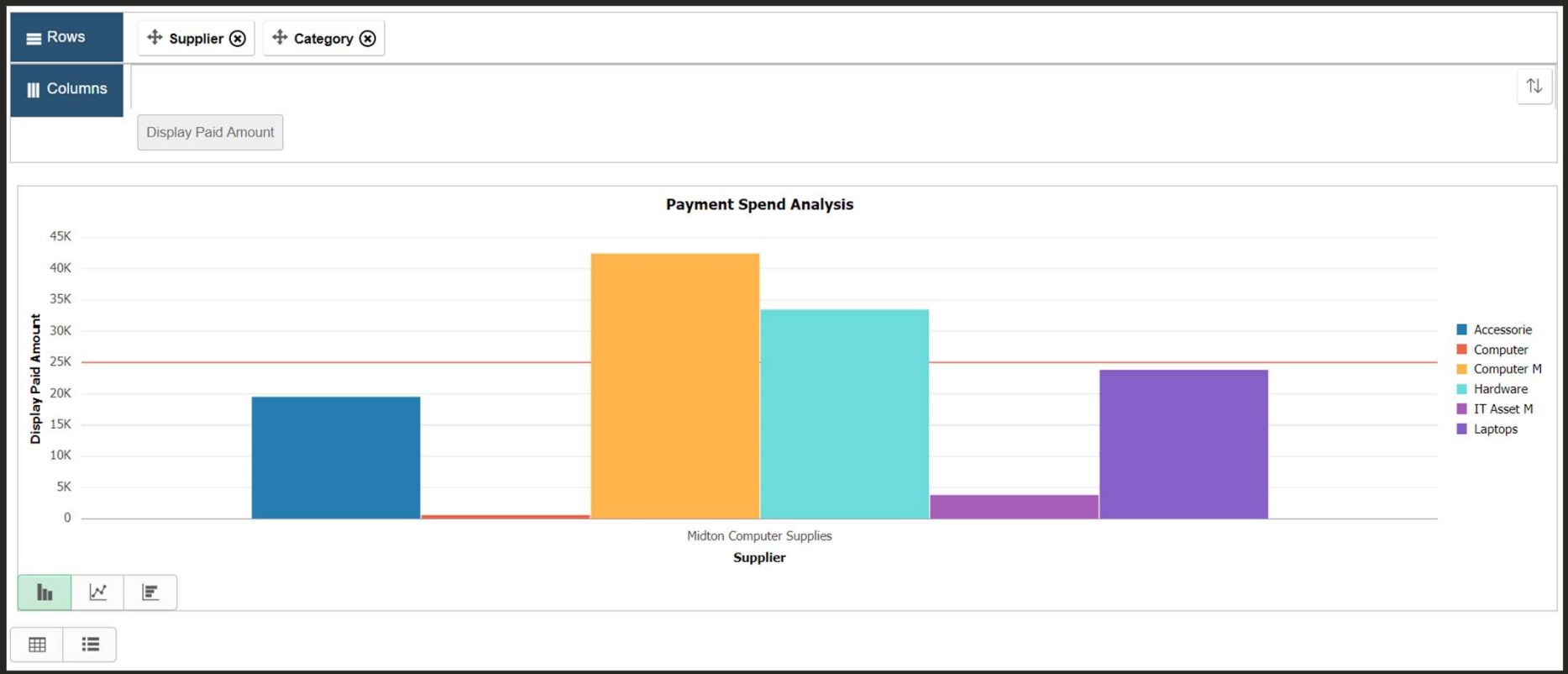
Payment Spend Analysis

Image 32



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Kibana With PeopleSoft

Current Use
Planned Features

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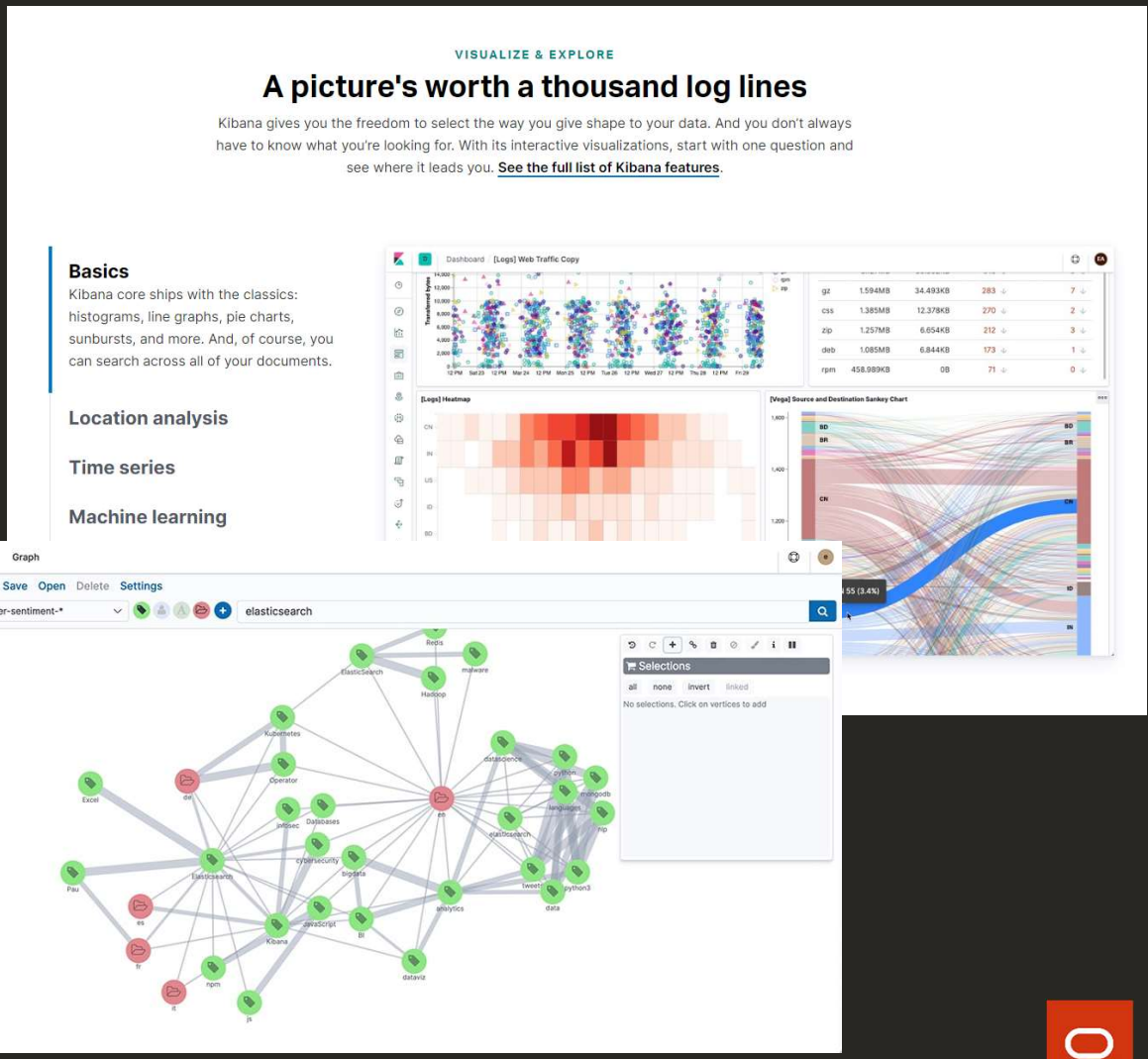
What is Kibana?

- Visualization/analytic tool for Elasticsearch data
- PeopleSoft-Delivered Kibana version—use our's with PeopleSoft
- Installed via DPK
- Many Visualizations available



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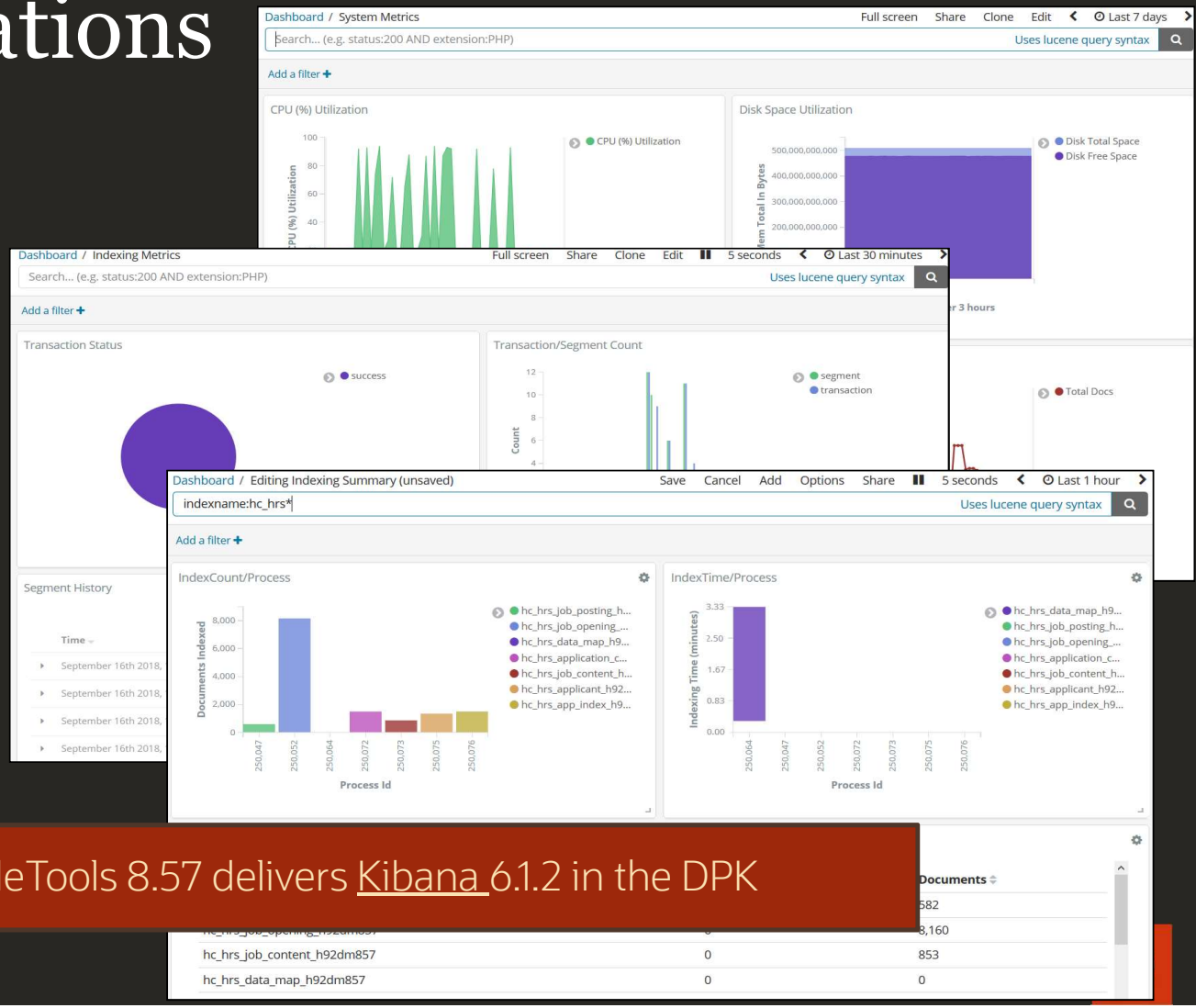
Kibana Visualizations

Currently: 8.57

- For Admin User
- Opens in browser
- Includes three delivered dashboards:
  - System metrics
  - Indexing metrics
  - Indexing summary

Application visualizations planned



PeopleTools 8.57 delivers Kibana 6.1.2 in the DPK

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PeopleSoft – Kibana Roadmap

Elastic/Kibana 7.n planned for 8.58

- Access to Kibana in PeopleSoft User Interface
- Discovery of PeopleSoft application data stored in Elasticsearch
- Discover relationships between data
- Perform Indexing and analytics on application data
- Analyze unstructured data
- Relate structured (PeopleSoft) and unstructured data (External Sources)
- Support for other Elastic products

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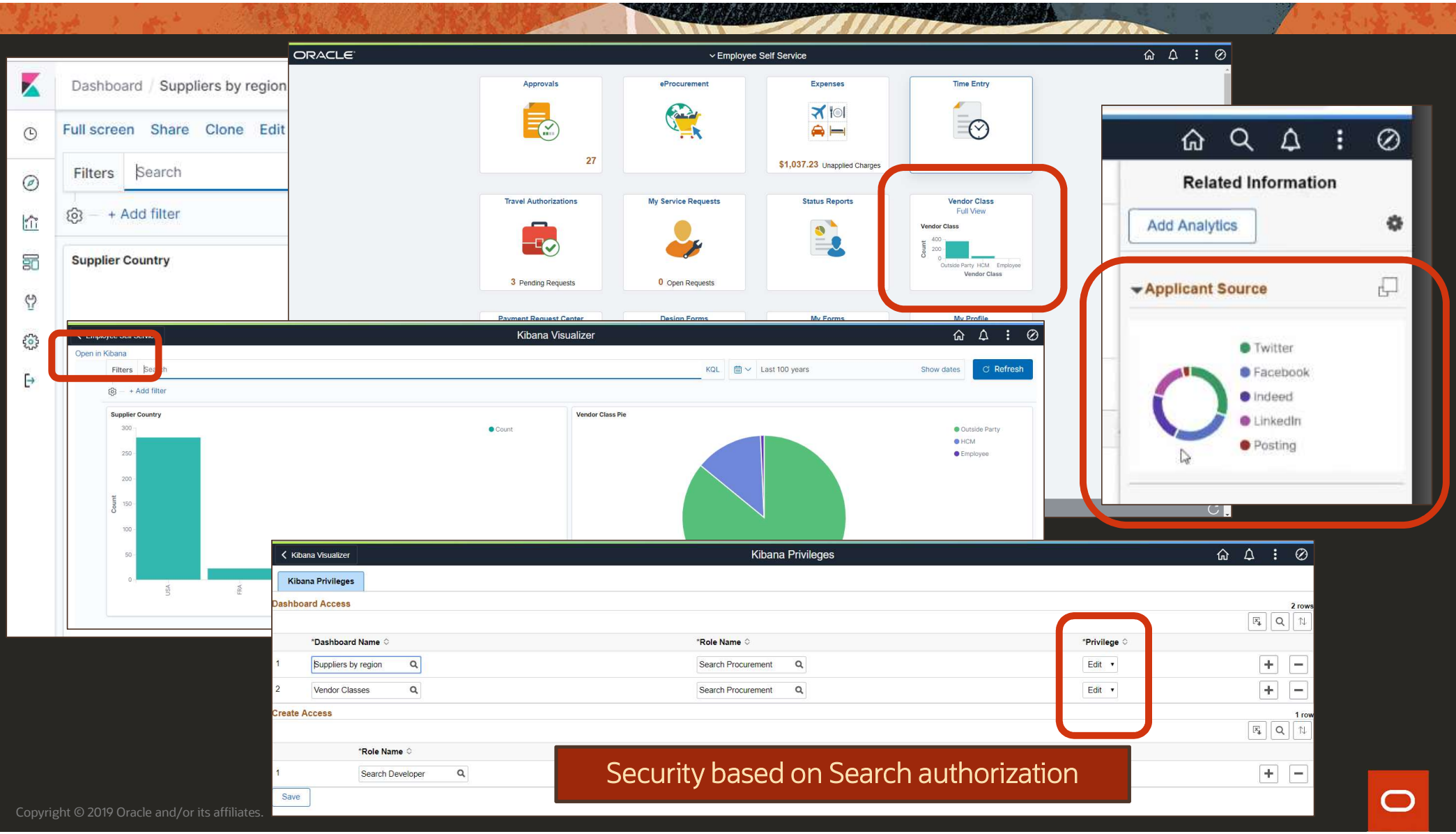

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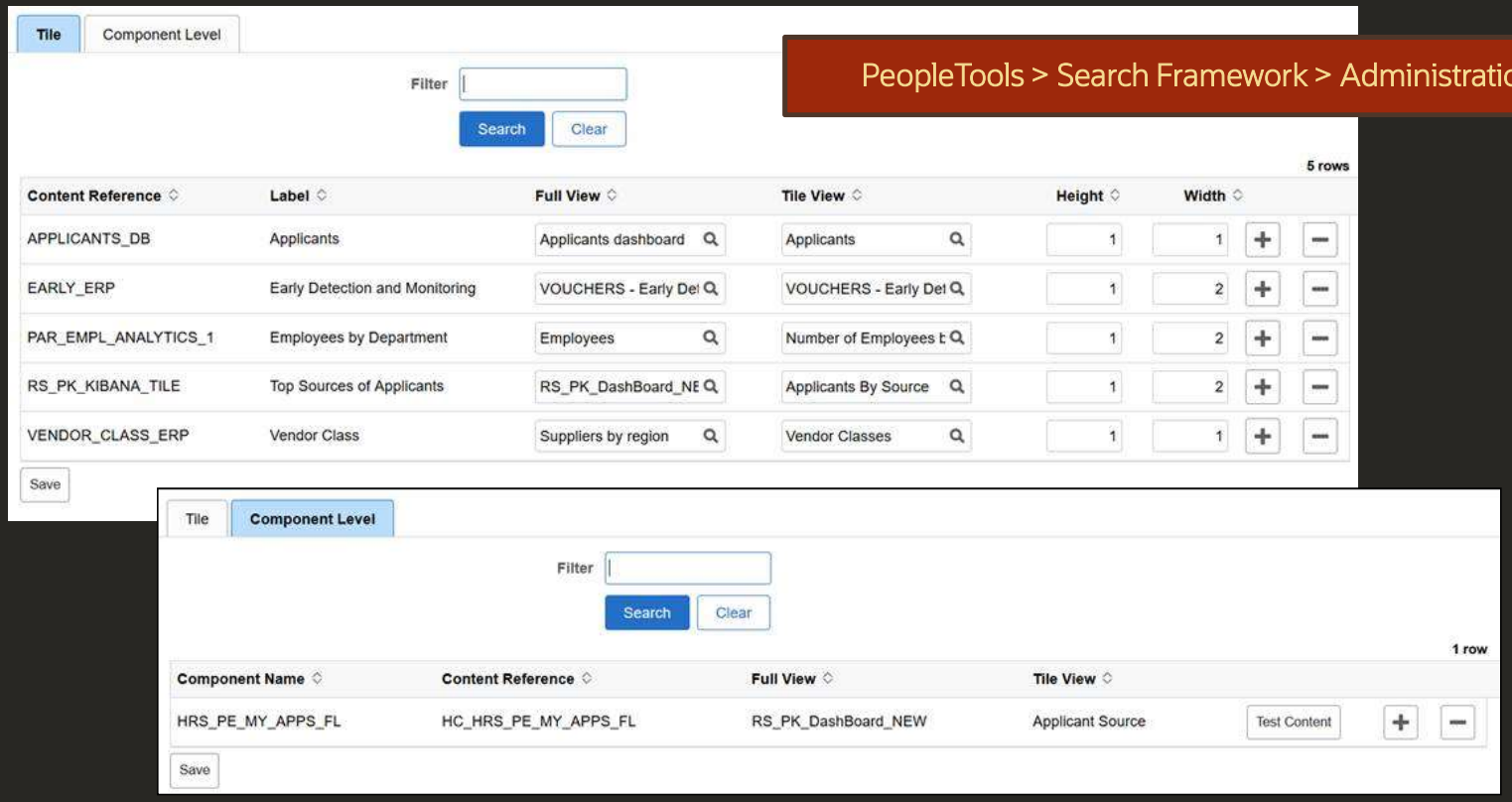
Creating Kibana Tiles and Related Content



PeopleTools > Search Framework > Administration > Kibana Visualizations

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Application Plans For Kibana

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Turn AP into a Profit Center!

"Compared to their peers, the Accounts Payable processes at best-in-class organizations:

- Cost less
- Are more accurate
- Take less time
- Provide better visibility
- Result in fewer inquiries from suppliers"

- Institute of Finance and Management

Demo

PeopleSoft Analytics with Kibana

Monitor Liabilities and Take Quick Action

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Give Your Exec's the Information They Need

business capabilities future data decisions
improve model patterns numbers
outcomes rethink drive trends
strategies workforce insight transparency

Demo

PeopleSoft Analytics with Kibana

HR and Recruiting

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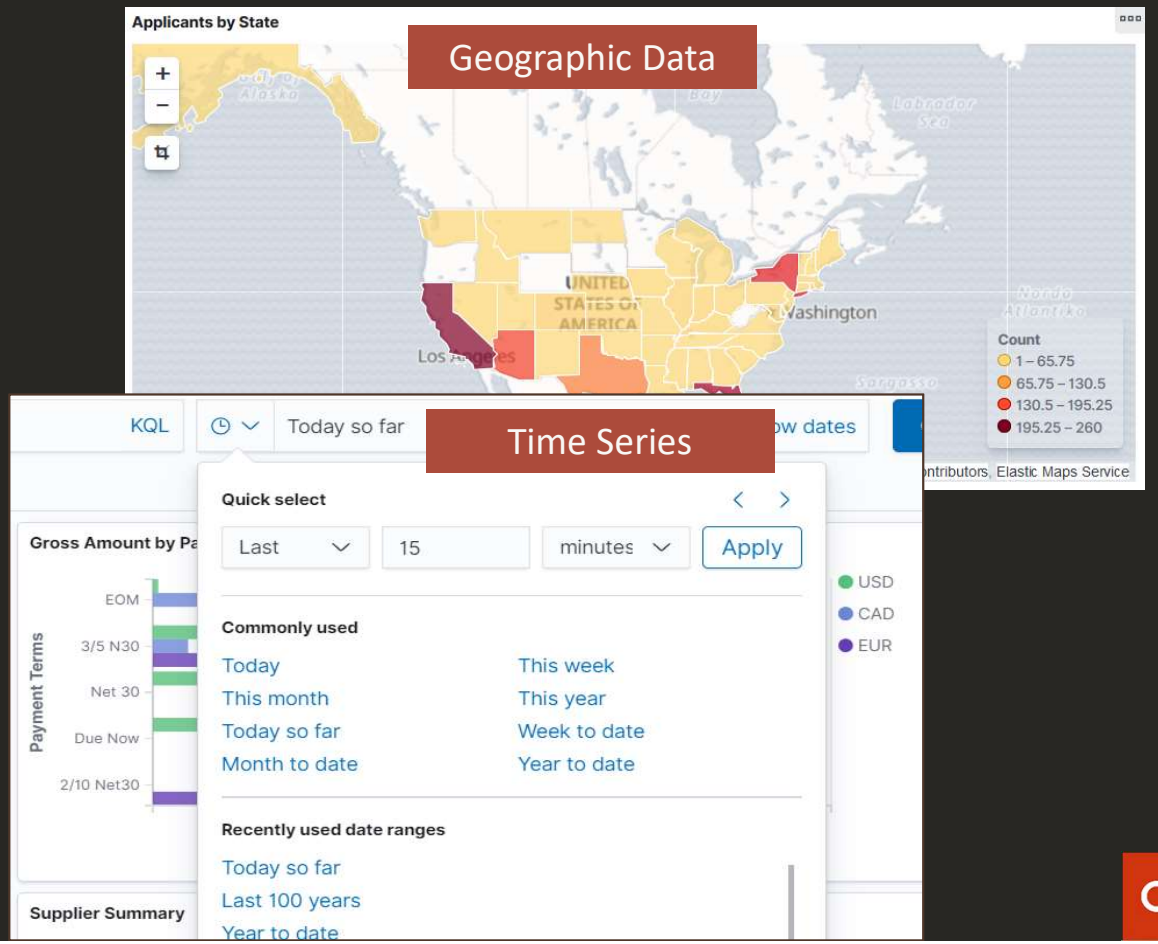
Indexing for Use With Applications?

Examine Your Data Needs…

- Most data that you need is probably already in your Search index
- Some information specifically for analysis would have to be added to an index



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When Should I Use Kibana? When Should I Use Pivot Grids or Simplified Analytics?

Kibana

- Large Volumes of data analyzed
- Performance/Speed is paramount
- Complex analyses like time series or data trends are needed

Pivot Grids

- Contextual to transaction, decision support important
- Fresh data needed (current database, not from Index)
- Want to capture business rules with thresholds and analytic notifications

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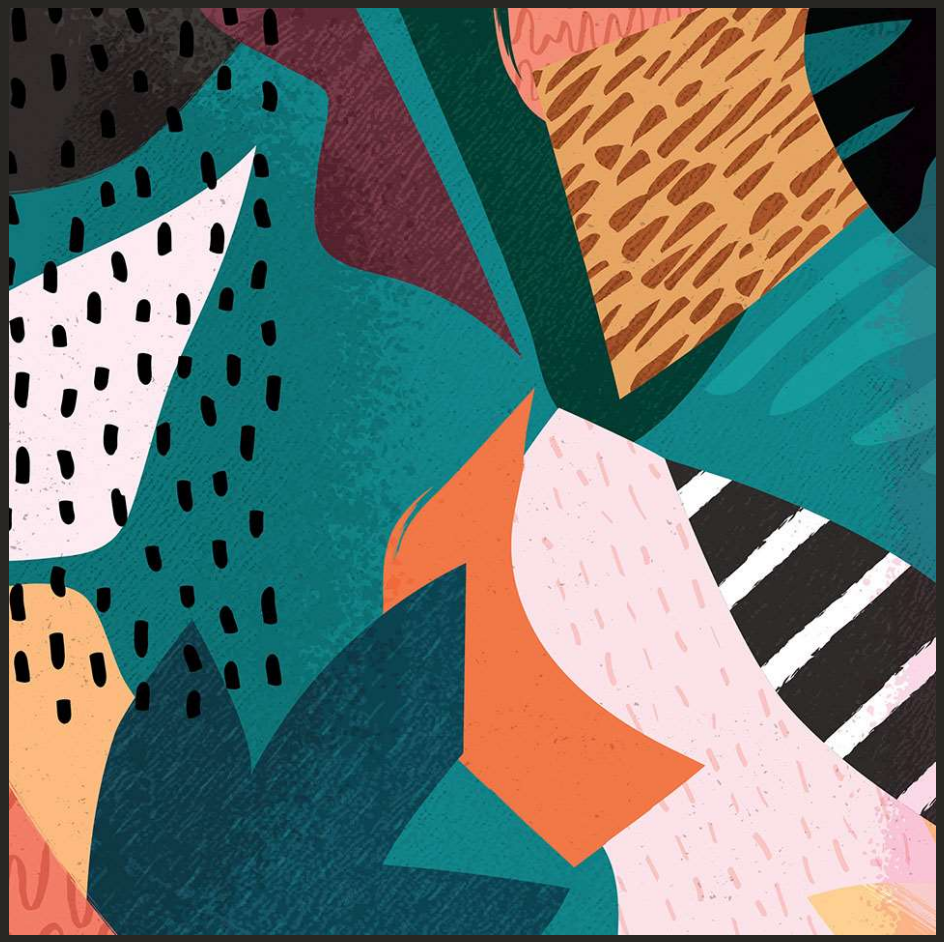

Summary

Great power, performance, and features in Kibana

Continued improvement and enhancement (Elastic and PS Framework

Easy deployment, takes advantage of existing infrastructure

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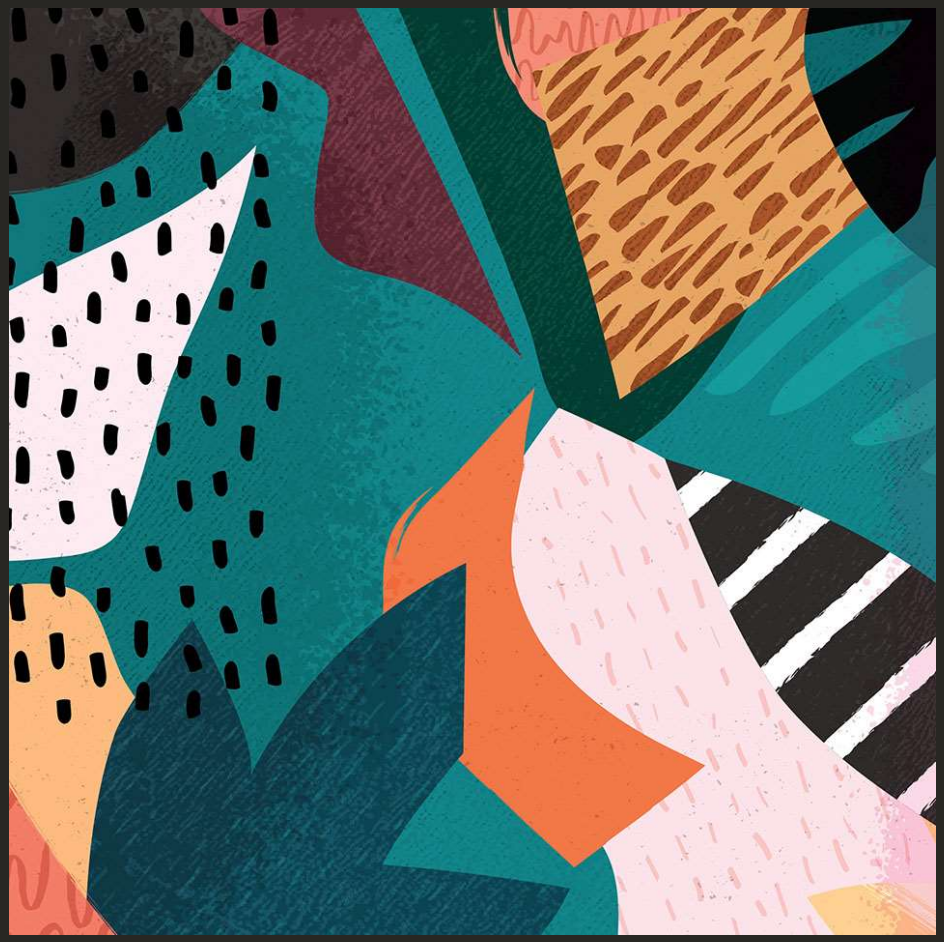

Resources

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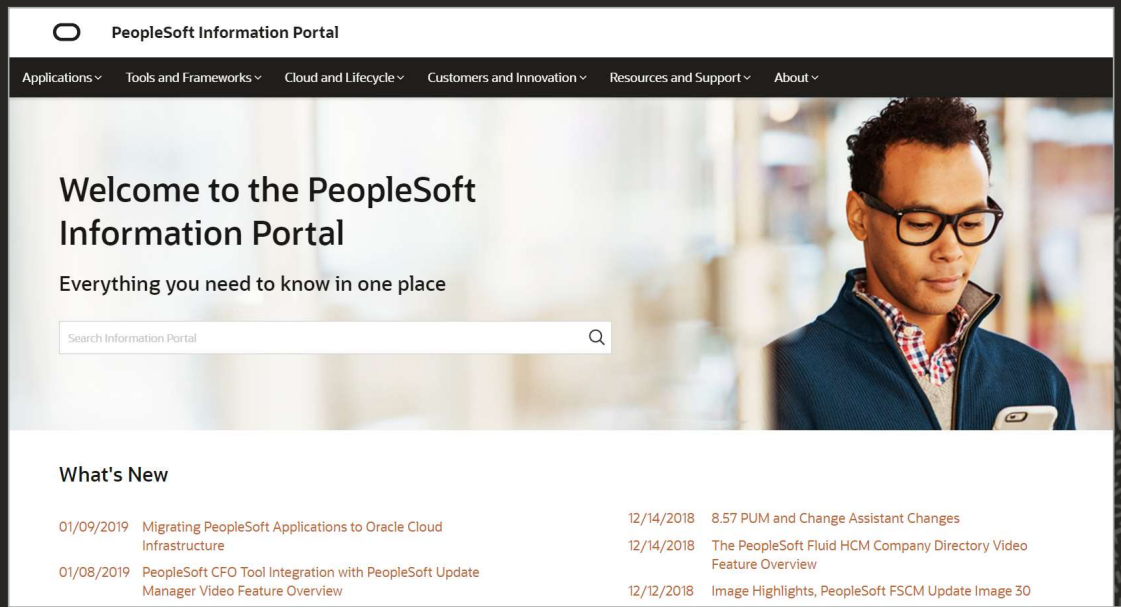
For More Information

PeopleSoft Information Portal
www.peoplesoftinfo.com



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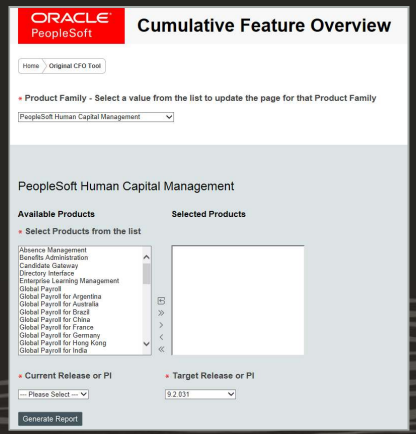
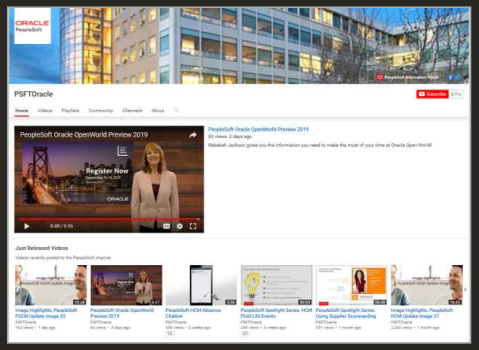
For More Information

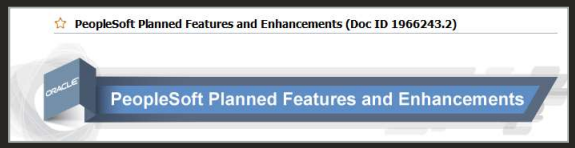
PeopleSoft CFO Tool
www.peoplesoftcfotool.com



PeopleSoft Video Channel
www.peoplesoftvfos.com



PeopleSoft Planned Features and Enhancements
www.peoplesoftpfe.com



Social Media

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Oracle PeopleSoft Page

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Oracle PeopleSoft Development Group

ORACLE
Blogs

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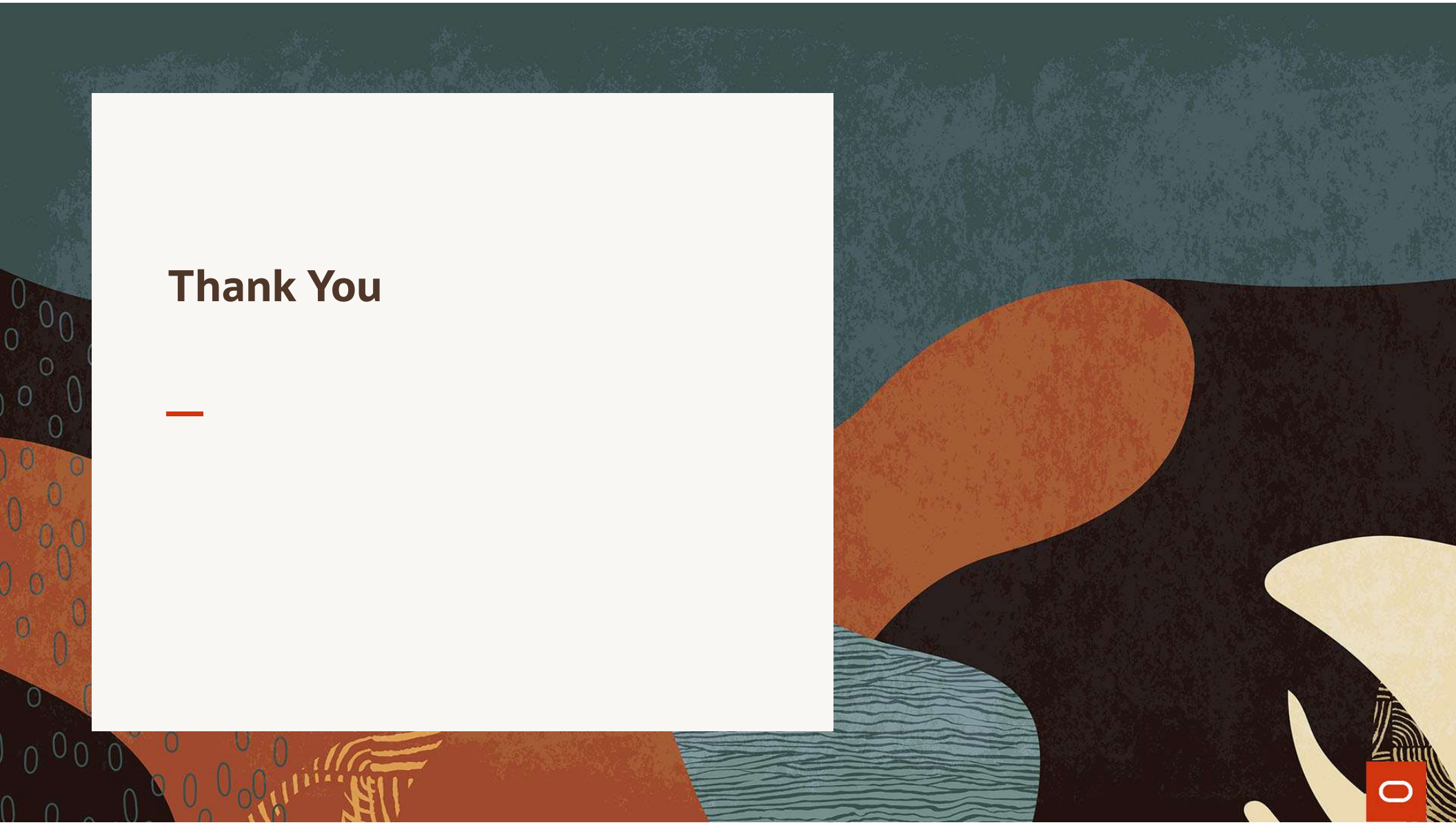
Thank You



Appendix

Personalized Analytic Notifications

Demonstrations

- User View
- Administrator View