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# **Business Intelligence System Overview R11i**

**Student Guide**

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**ORACLE®**

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# **Oracle Business Intelligence System Overview**

**Release 11*i***

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# Objectives

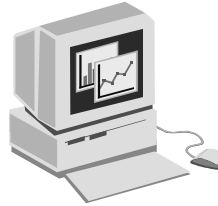
**After this completing this course, you should be able to do the following:**

- **Describe the Oracle Business Intelligence System (BIS)**
- **Describe BIS components**
- **Describe the BIS architecture and product interfaces**
- **Describe online help for BIS**
- **Discuss the new features of BIS, Release 11*i***

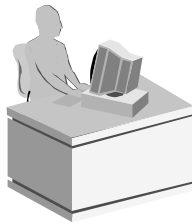
# Overview



**BIS product  
description and  
application  
components**



**BIS architecture**

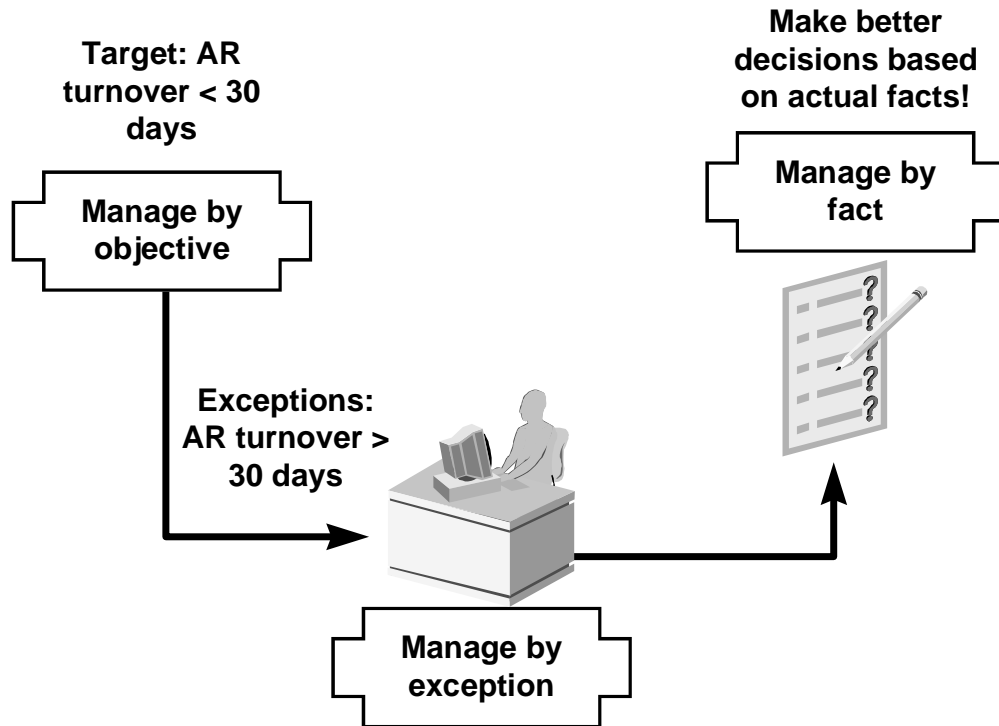


**On-line help**



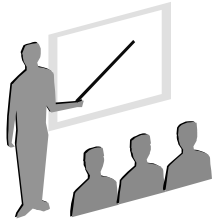
**Release 11i new  
features**

# Product Overview





## BIS Benefits



**Provides accurate reporting**



**Answers complex questions**



**Provides user flexibility**

## BIS Tools Interfaces



**Oracle Alert**



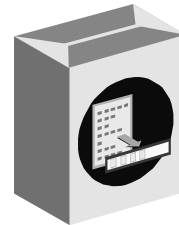
**Oracle Reports**



**Oracle WebDB**



**Oracle Workflow**



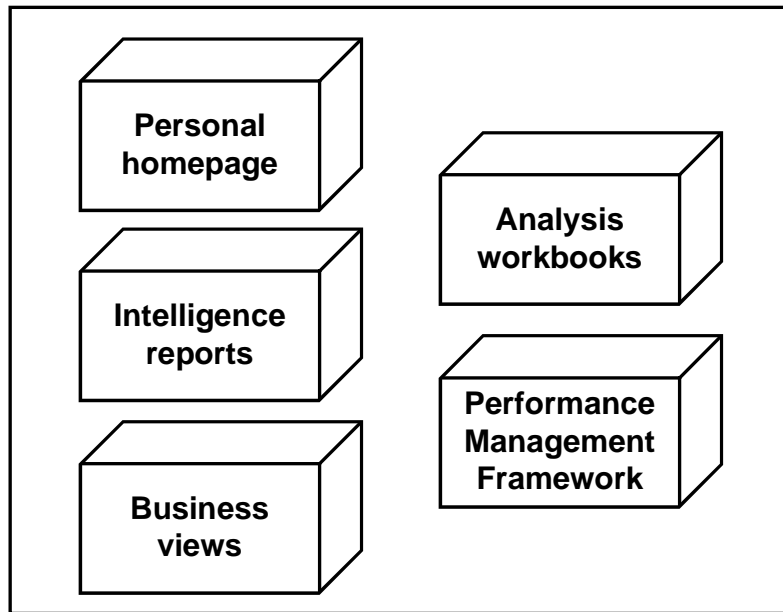
**Oracle Discoverer**

# Objectives

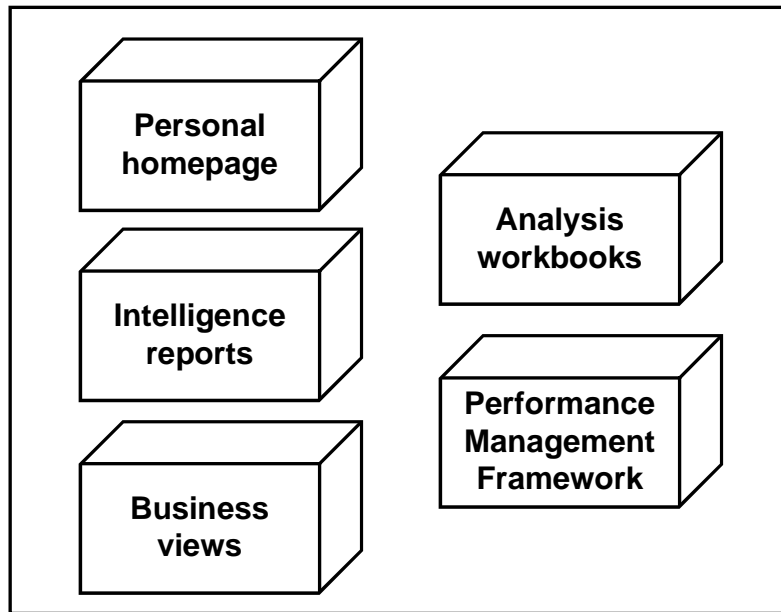
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- **Describe online help for BIS**
- **Discuss the new features of BIS, Release 11*i***

# BIS Components



# BIS Components



## Personal Homepage: Overview

Main Menu		My Home Page	
<b>Navigate</b>		<b>Performance Measures</b>	
<b>Self-Service</b>		AR Turnover 25	
<input type="radio"/> Expense Reports		<b>Favorites</b>	
<input type="radio"/> Financials Intelligence			
<input type="radio"/> Operations Intelligence			
<b>Applications</b>		Oracle Corporation	
<input type="radio"/> Alert Manager		Yahoo	
<input type="radio"/> Oracle Receivables		Revenues Report	
<input type="radio"/> Workflow		<b>Ask Oracle</b>	
		<input type="text"/>	<b>Search</b>

## Personal Homepage Icons



**Help**

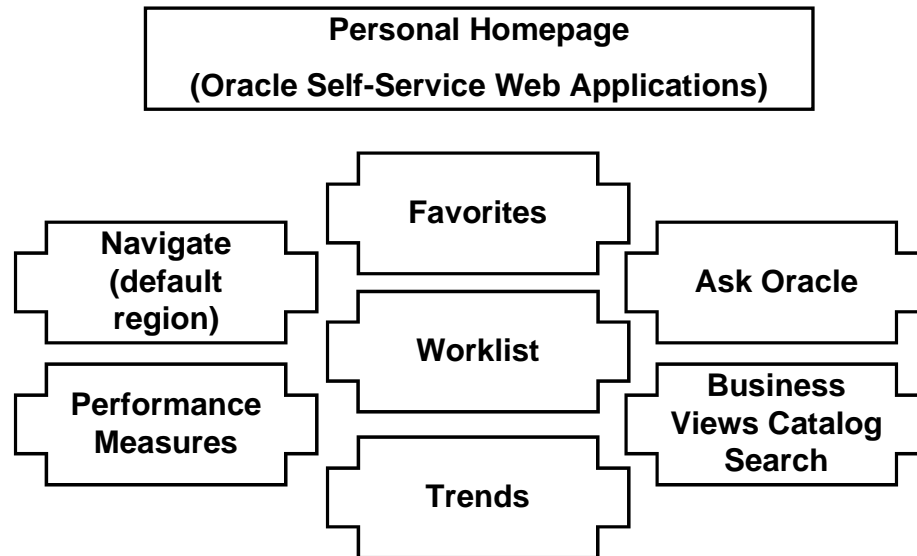


**Create and Modify Pages**



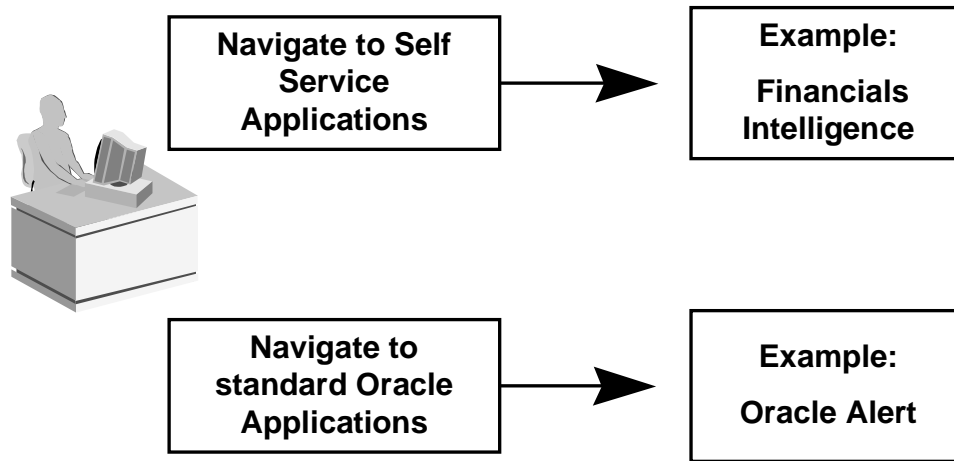
**Exit**

# Personal Homepage: Regions





## Personal Homepage: Navigate Region



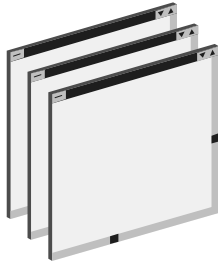
## Personal Homepage: Performance Measures Region

The Performance Measure region includes the performance measures that you want to monitor. You add these measures to the region by selecting the **Customize** link located in the region. After adding them to the region, BIS automatically displays their associated actual values.

Region name	Customize link
<u>Performance Measures</u>	<u>Customize</u>
Accounts Receivable Turnover	30

## Personal Homepage: Favorites Region

The Favorites region enables you to set up custom access to any of the links in the Navigate region, including reports. You can also add your favorite web sites to the Favorites region.

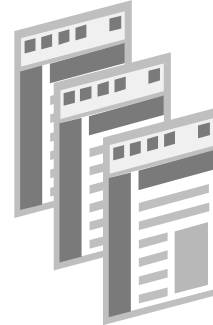


**Oracle Self-Service  
and standard  
applications**

### Favorites Region

#### Examples:

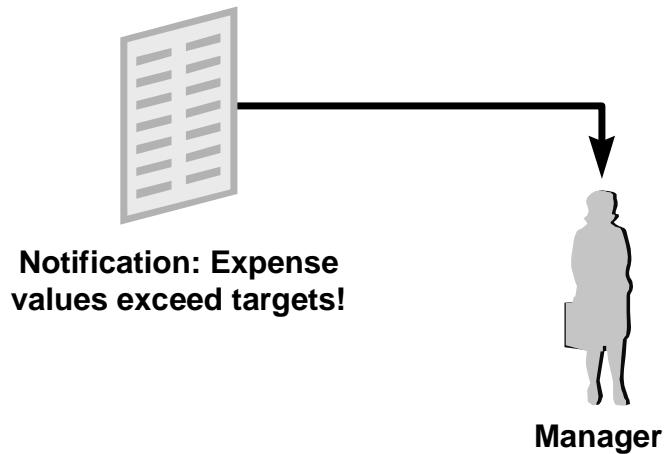
- Financials Intelligence report
- [www.oracle.com](http://www.oracle.com)
- [www.yahoo.com](http://www.yahoo.com)
- Oracle Receivables



**Your favorite  
reports and web  
sites**

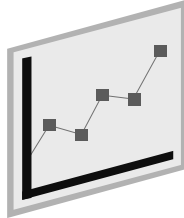
## Personal Homepage: Worklist Region

The Worklist region consists of links to notifications that might require some type of action or provide you with information about a business metric.



## Personal Homepage: Trends Region

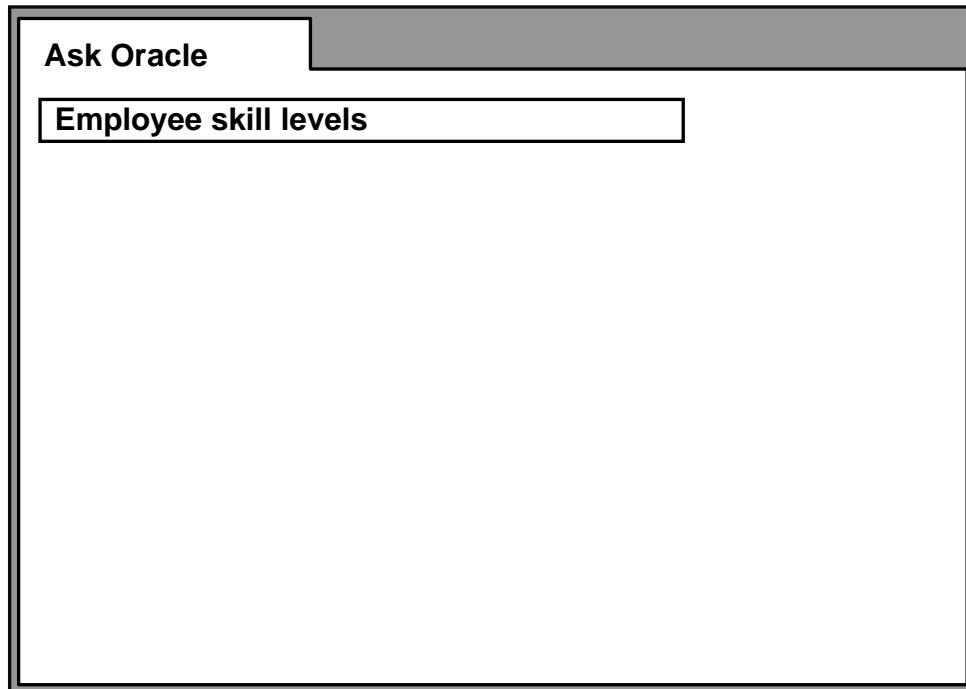
**Displays the trend graph for a particular business metric, such as earnings per share.**



## **Personal Homepage: Ask Oracle Region**

- **The Ask Oracle region enables you to search for intelligence reports and analysis workbooks using standard words and phrases, such as, “What are my employee skill levels?”**
- **After asking your question, Ask Oracle returns the following information:**
  - **Links to reports that contain information included in your question**
  - **Links to related questions**
  - **Links to on-line help**

## Ask Oracle Example: Question



The screenshot shows a web interface for asking a question. At the top, there is a header bar with the text "Ask Oracle" on the left and a grey rectangular area on the right. Below the header, there is a large rectangular input area. Inside this area, at the top left, is a smaller rectangular box containing the text "Employee skill levels". The rest of the input area is empty, suggesting a text input field.

## Ask Oracle Example: Result

**Ask Oracle**

**Production per Employee**

**Where is staff turnover reaching critical levels,  
why ?**

- HRMS Intelligence (Self Service Apps)
- Performance Measures for for HRMS



## **Personal Homepage: Business Views Catalog Search**

- **The Business Views Catalog region is a context sensitive search engine that enables you to search for Discoverer folders and business areas related to your search condition.**
- **The results of the search return the following:**
  - **The folder name or names associated with your search condition**
  - **The business area associated with the folder**
  - **A description of the folder content**

## Business Views Catalog Search Example

Business Views Catalog Search	
Resources	Search Views

## Business Views Catalog Search Example: Results

Business Views Catalog Search		
<b>Resources</b>	<b>Search Views</b>	
Folder	Business Area	Folder Description
<b>Plan Resource Capacities</b>	<b>Planning</b>	<b>Department resources and lines used in the plan</b>

## **Review Question**

**Which region of the Personal Homepage appears by default?**

## **Review Question Solution**

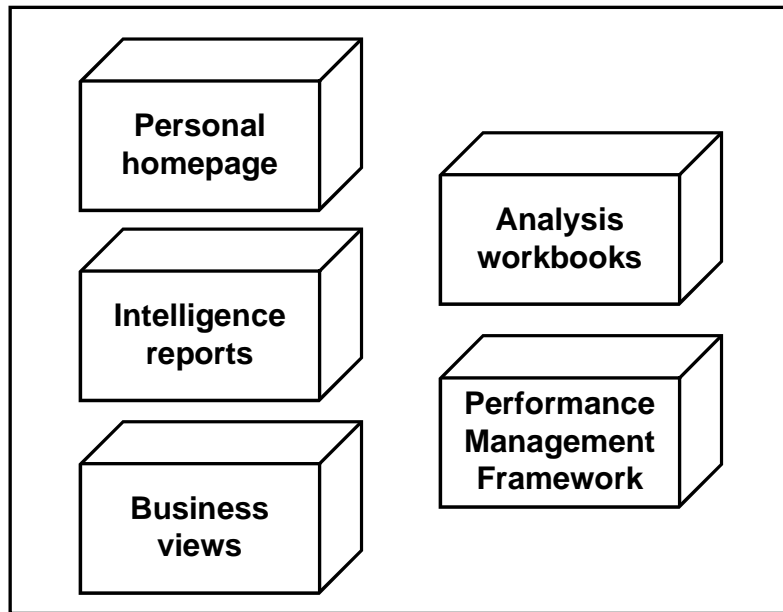
**Which region of the Personal Homepage appears by default?**

**Answer:**

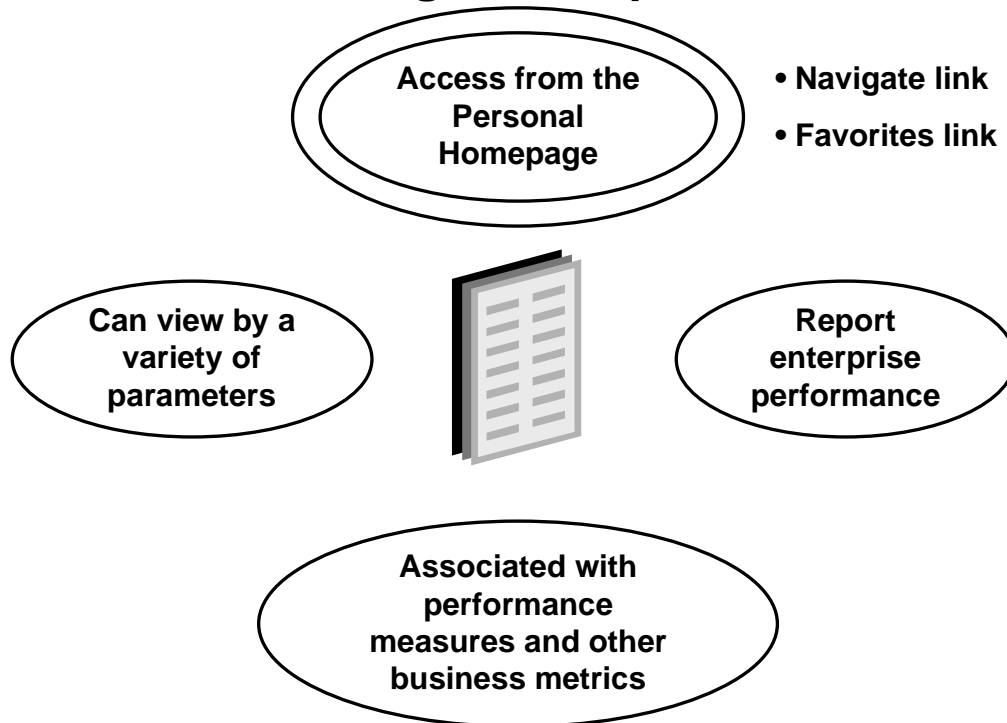
**Navigate region**

**The Navigate region is automatically included on the Main Menu default page.**

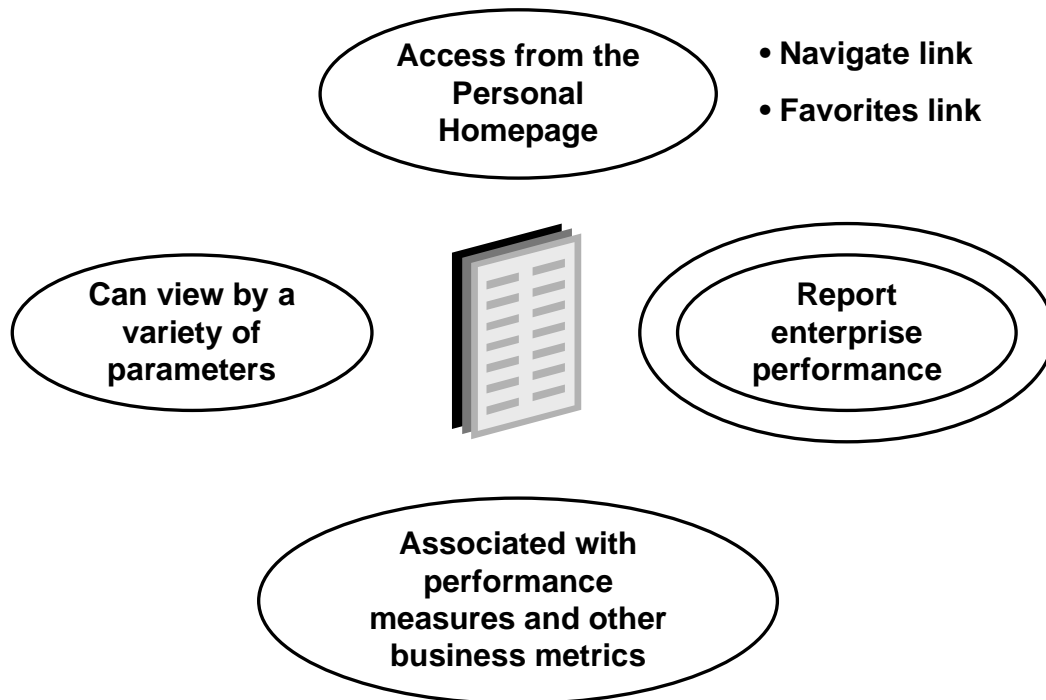
# BIS Components



# Intelligence Reports

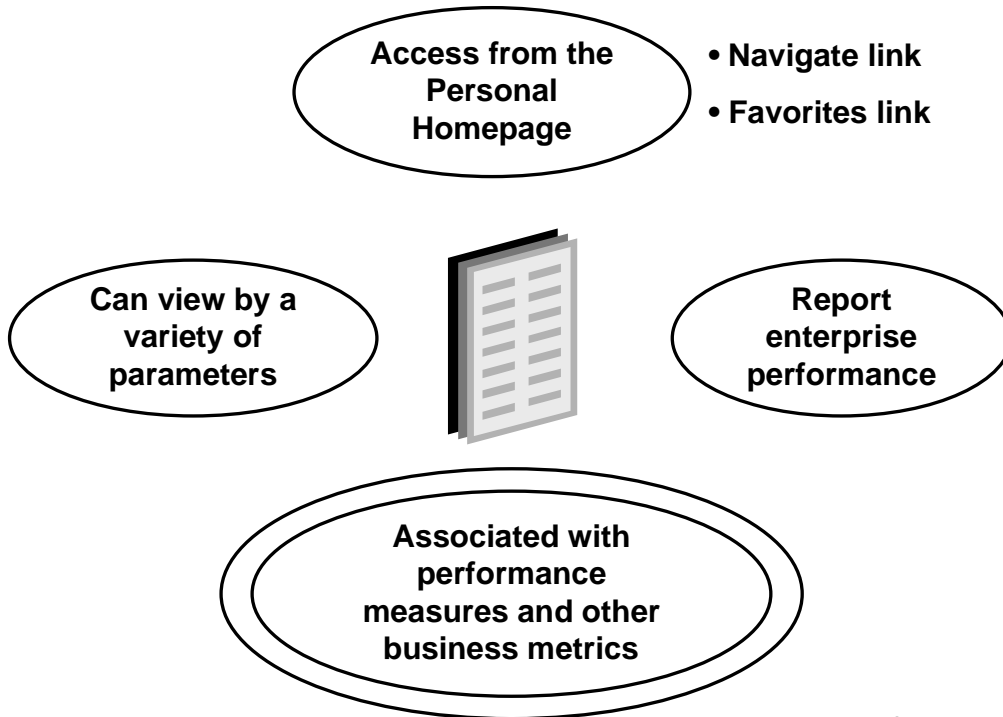


# Intelligence Reports

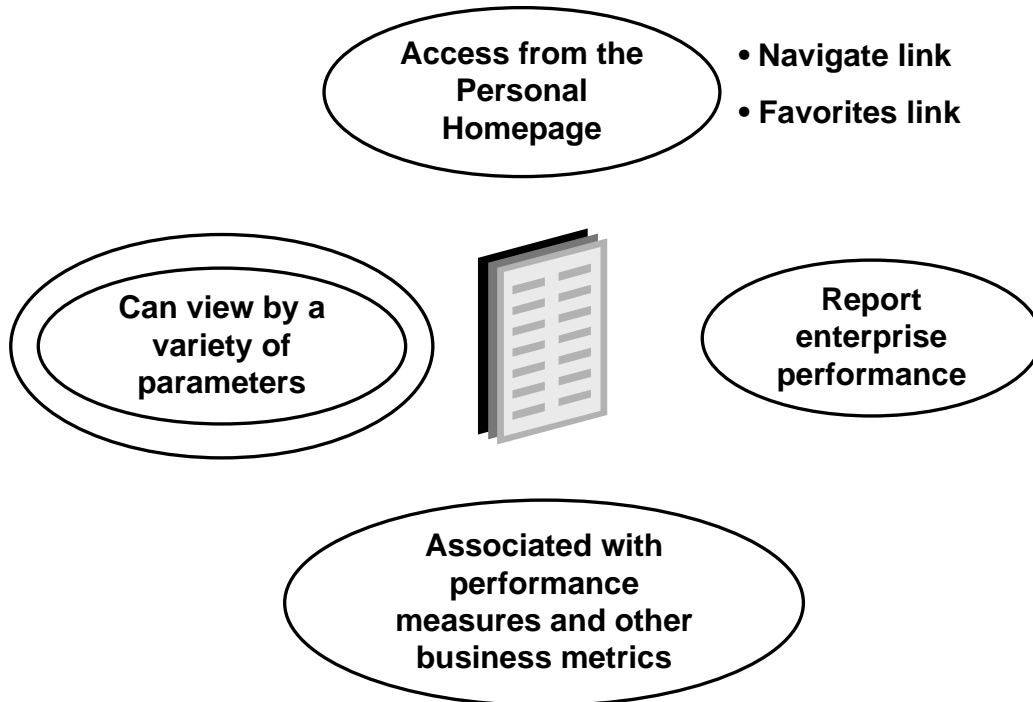




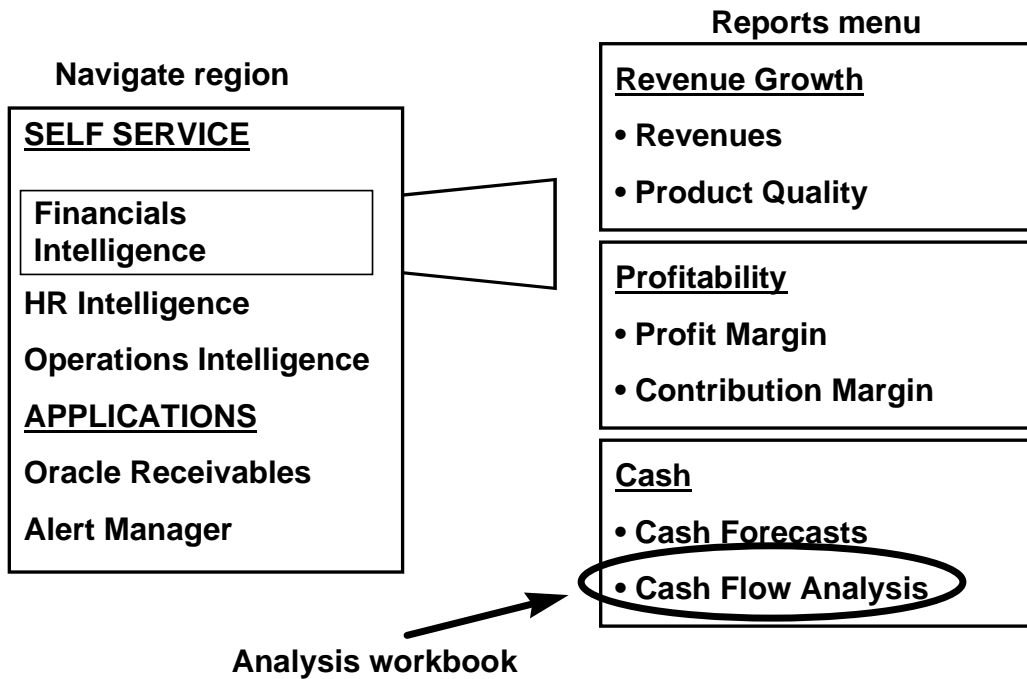
# Intelligence Reports



# Intelligence Reports



# Intelligence Reports: Reports Menu

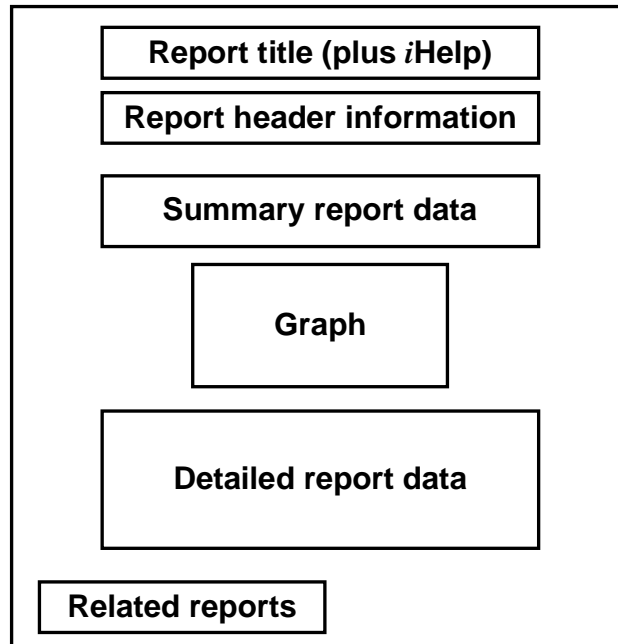


## Intelligence Reports: Report Parameters

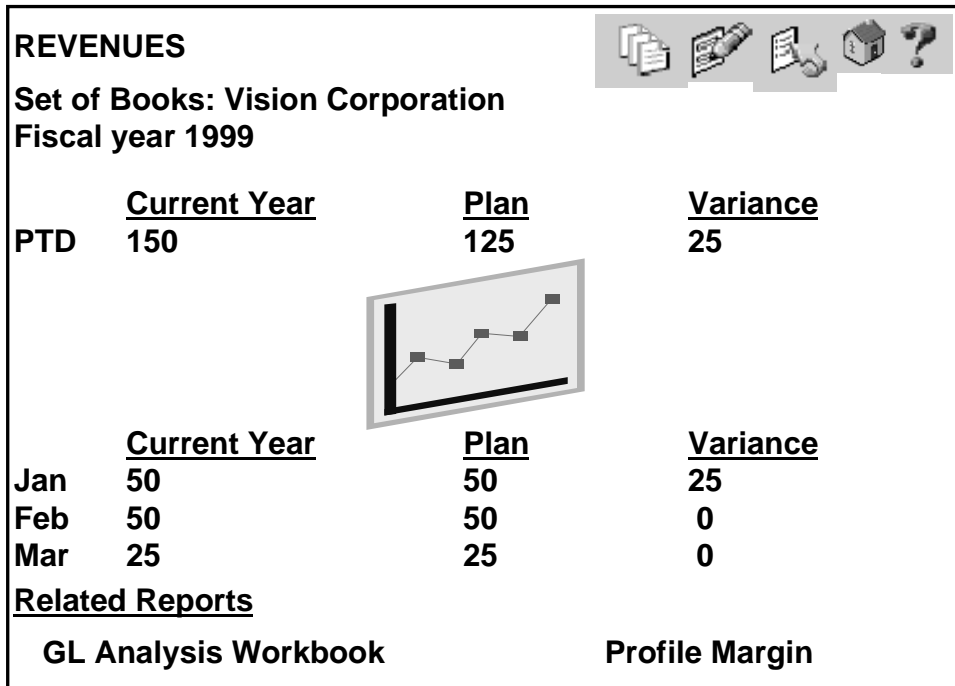
Parameters are variables that you select or enter for a particular report to filter the report output. Parameters vary per report, and not every report requires parameters. The following example shows some typical parameters and their associated parameter values:

<u>Parameter</u>	<u>Parameter Value</u>
Operating Unit	Vision Operations
Reporting Dates	01-JAN-2000 to 31-MAR-2000
Currency	USD (or United States dollar)

## Intelligence Reports: Reports Output



## Intelligence Reports: Example



## **Review Question**

### **True or False Question**

**Report parameters enable you to filter the output of a given report?**

**True or False?**

## **Review Question Solution**

### **True or False Question Solution**

**Report parameters enable you to filter the output of a given report?**

**True or False?**

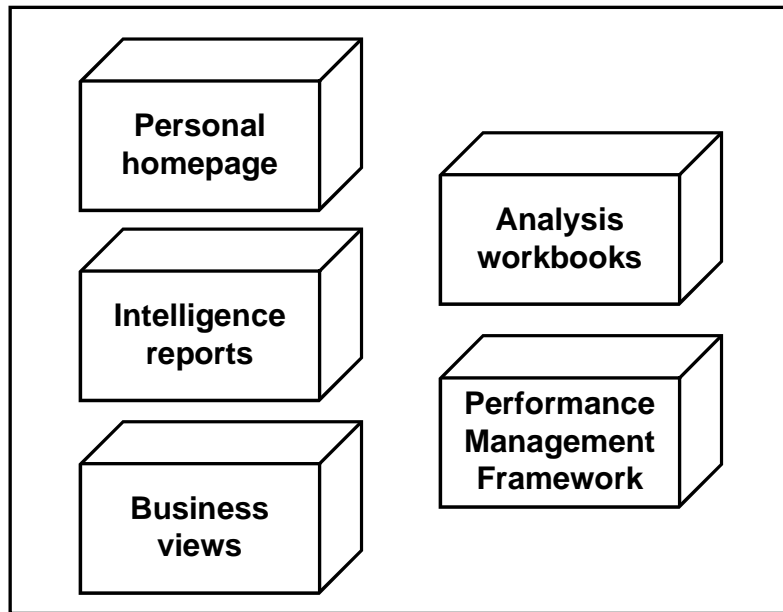
**Answer:**

**True.**

**Entering report parameters, such as date and organization, ensure that the resulting report includes only the data related to the parameters that you entered.**

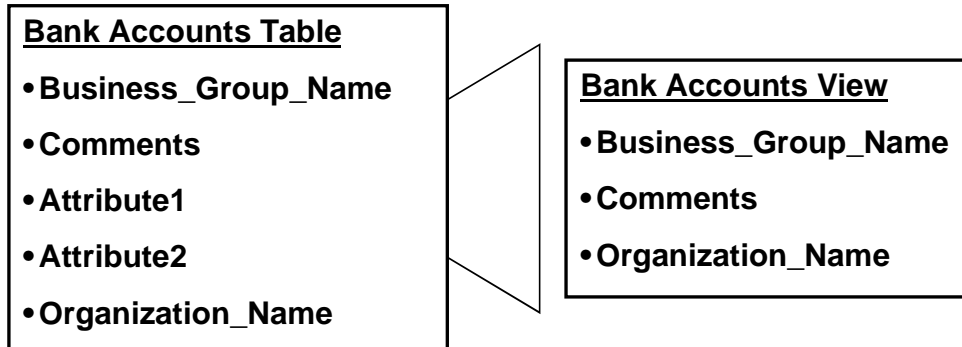


# BIS Components



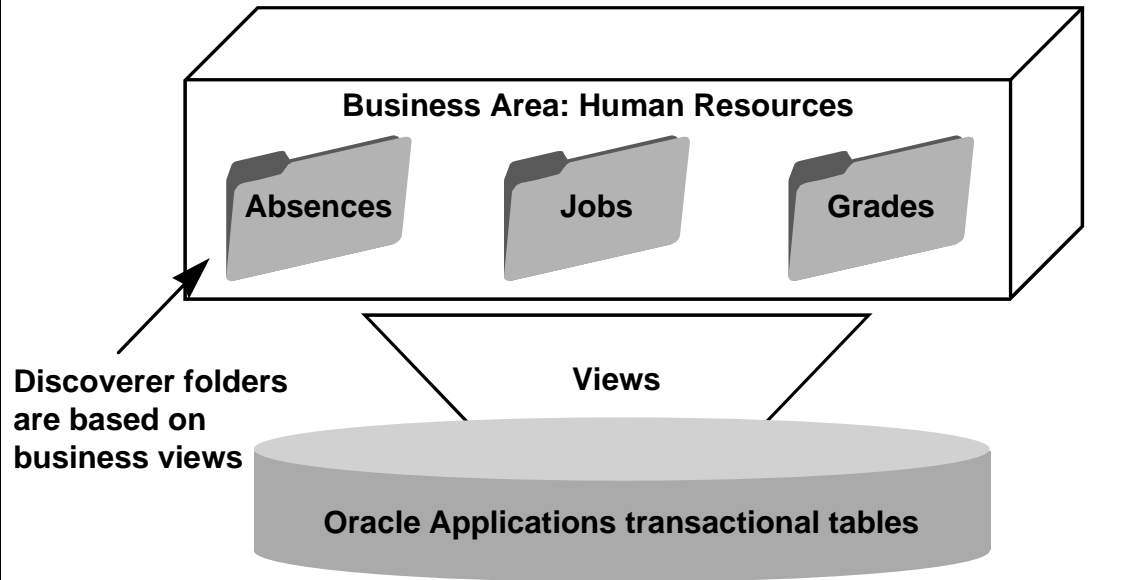
## Business Views: View Definition

The data associated with BIS analysis workbooks originates from business views. A view typically represents a subset of columns from a transactional table. Views often present a less complex view of the data than what exists in the underlying transactional tables.



## Business Views: Example

Business areas are associated with an Oracle Application, such as Human Resources. The business areas contain associated folders



## Business Views: Business Views Catalog Search

Business Views Catalog Search		
<b>Bill of Resources</b>	<b>Search Views</b>	
<b>Folder</b>	<b>Business Area</b>	<b>Folder Description</b>
<b>Bill of Materials</b>	<b>Bills of Materials and Engineering</b>	<b>Includes detailed information about Bills of Materials</b>

## **Review Question**

### **True or False Question**

**A view typically contains a subset of columns from a transactional table or tables.**

**True or False?**

## **Review Question Solution**

### **True or False Question Solution**

**A view typically contains a subset of columns from a transactional table or tables.**

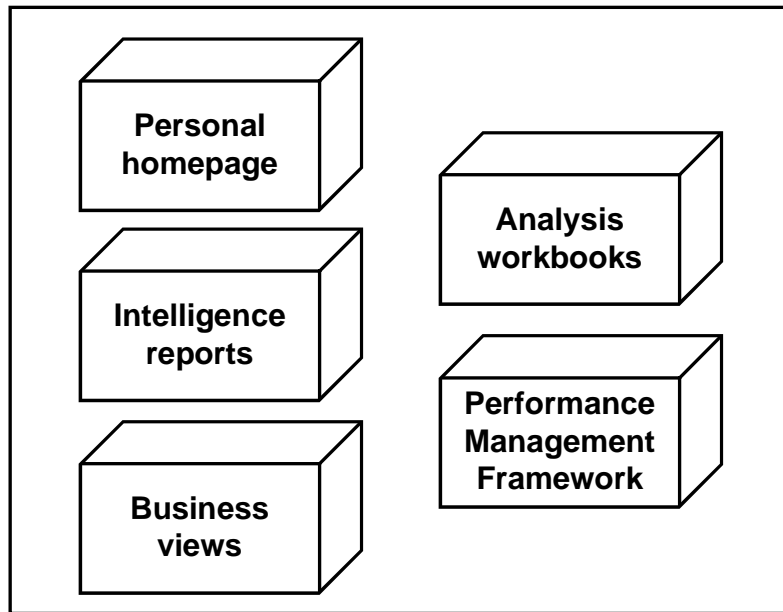
**True or False?**

**Answer:**

**True.**

**A view typically represents a simplified subset of columns from a transactional table. The data associated with analysis workbooks comes from underlying business views.**

# BIS Components



## Analysis Workbooks: Overview

Order #	Customer Name	Status	Order
25941	Computer		Comp
25940	Service		Comp
25939	Business Wrld-1		Comp
25938	Business Wrld-1		Comp
25937	Business Wrld-1		Comp
26252	Business Wrld-1		Comp
26251	Business Wrld-1		Comp
26454	Business Wrld-1		Comp
26453	Business Wrld-1		Comp
26353	Computer Servi		Comp

Worksheets



Summary

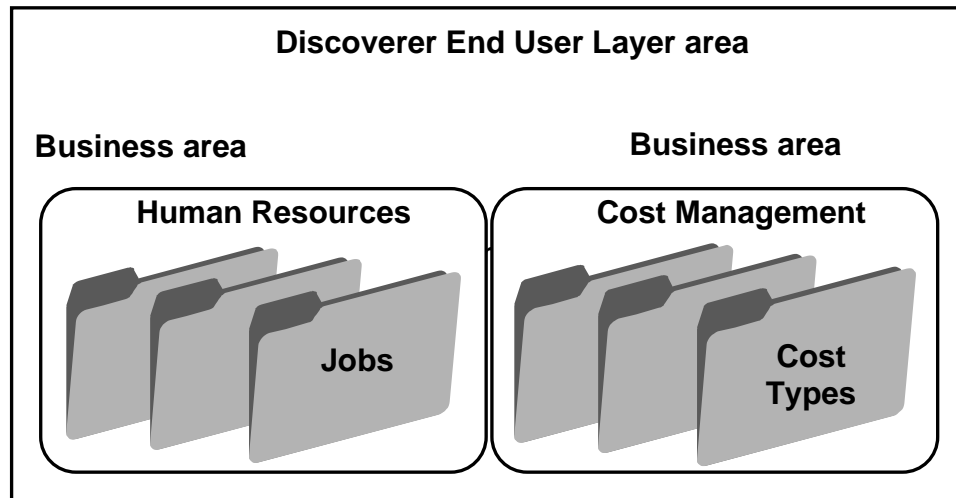
Detail



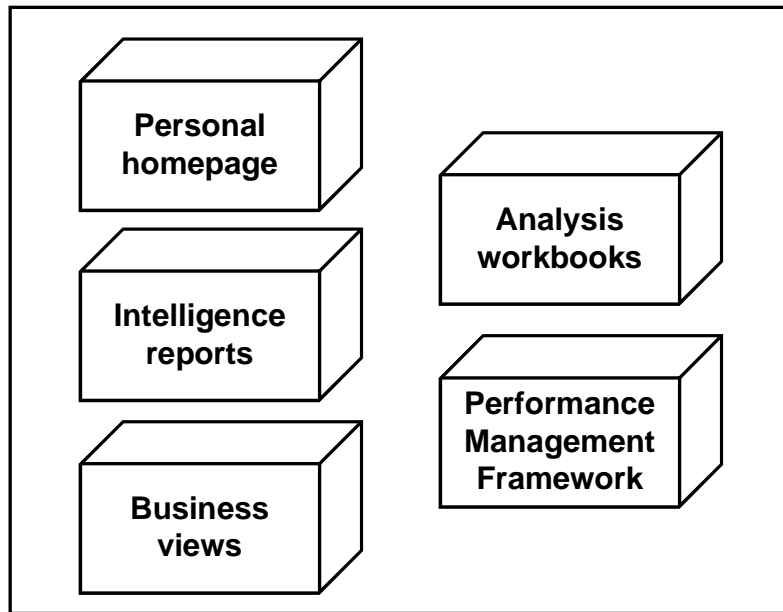
# Analysis Workbooks: Discoverer

## Oracle Discoverer

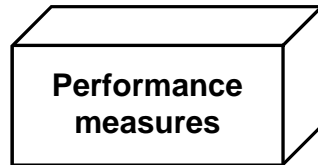
- Business areas
- Folders



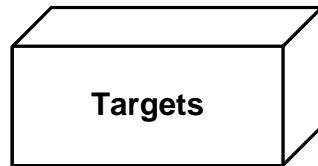
# BIS Components



# Performance Management Framework



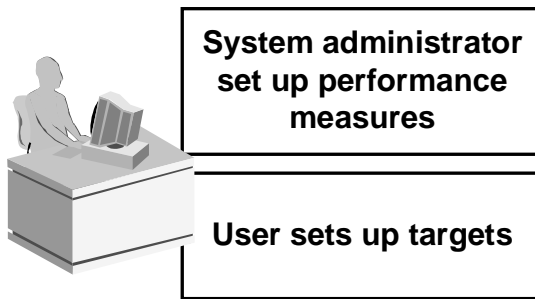
Business metric:  
Headcount by Quarter



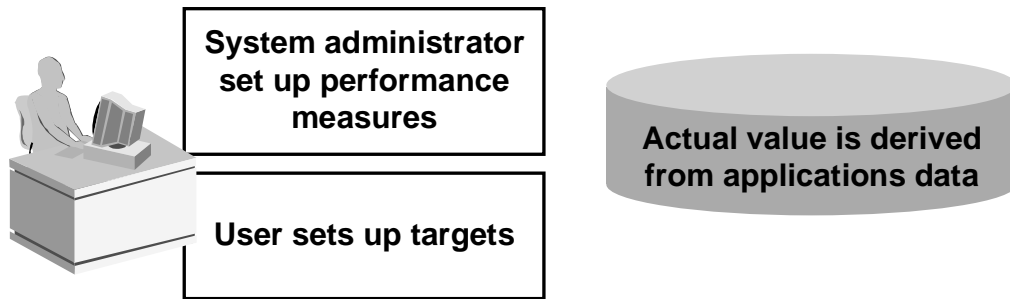
Targets and tolerances:

- Target example: 500 employees
- Tolerance example: Greater than 500 employees or Less than 200 employees

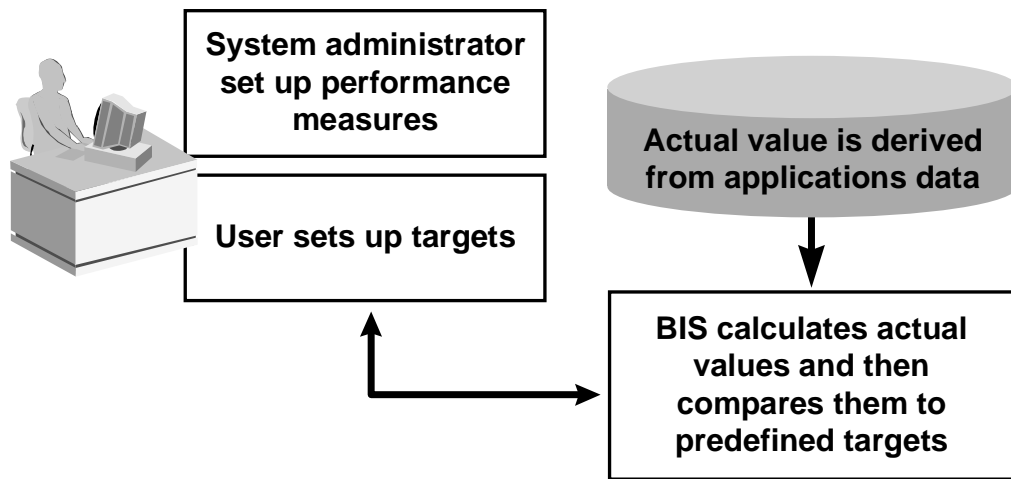
# Performance Management Framework Process



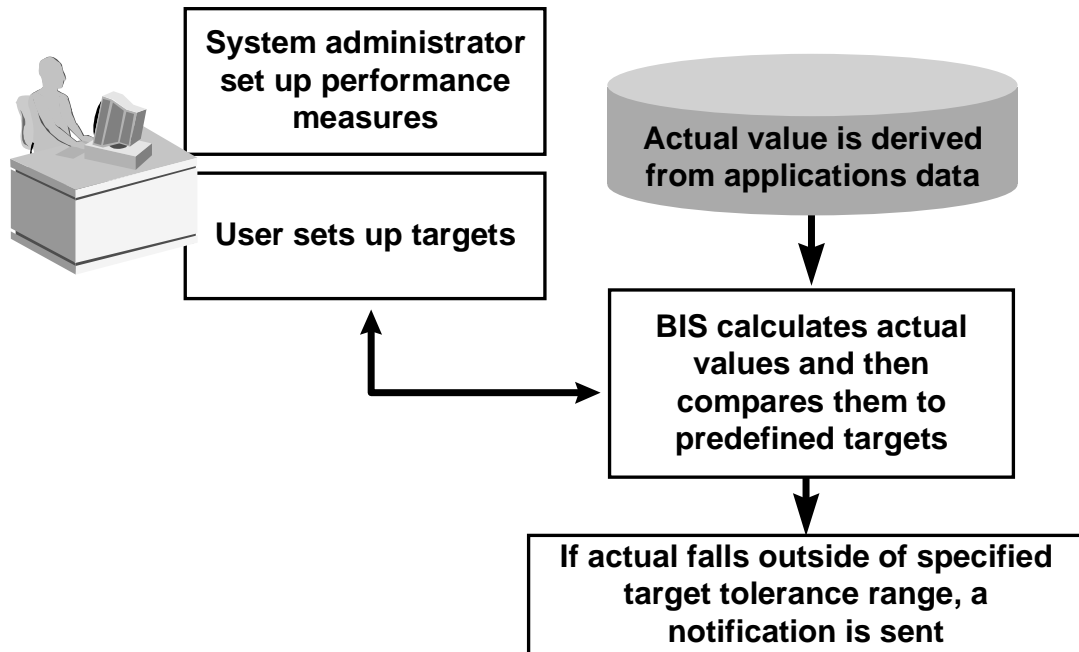
# Performance Management Framework Process



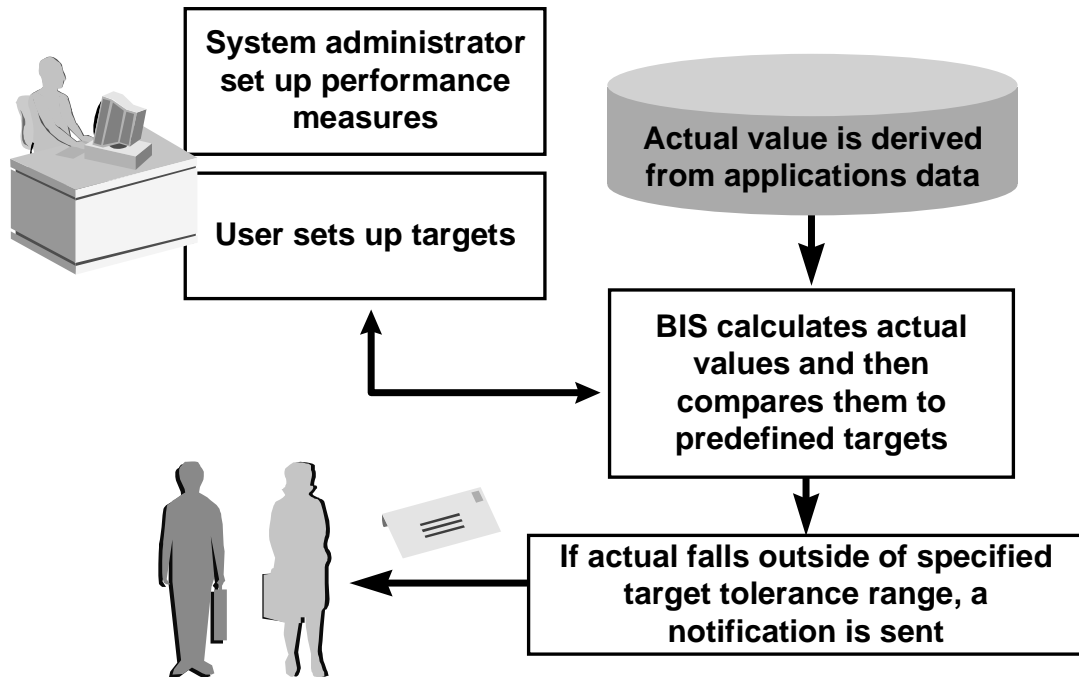
## Performance Management Framework Process



# Performance Management Framework Process



# Performance Management Framework Process





## **Review Question**

### **True or False Question**

**The Performance Management Framework enables you to keep track of actual business values, but does not enable you to compare these values to a target or tolerance range.**

**True or False?**

## **Review Question Solution**

### **True or False Question Solution**

**The Performance Management Framework enables you to keep track of actual business values, but does not enable you to compare these values to a target or tolerance range.**

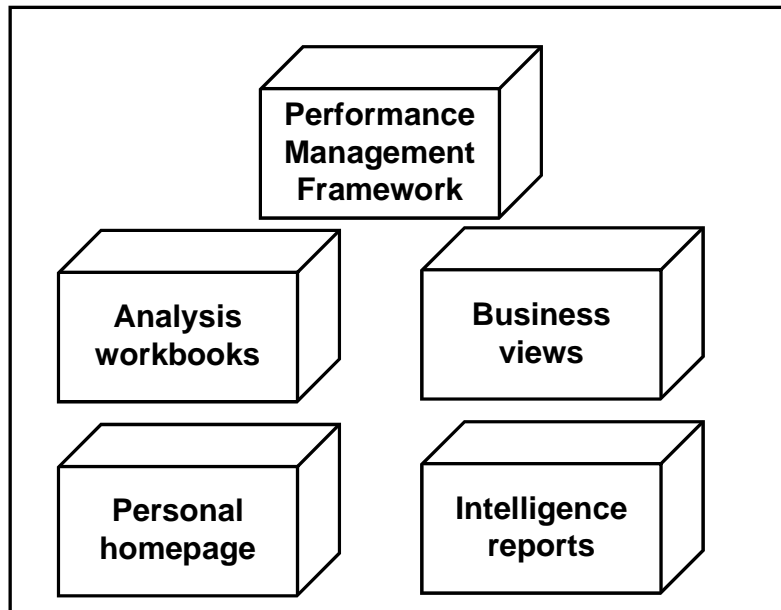
**True or False?**

**Answer:**

**False.**

**One of the biggest benefits of the Performance Management Framework is that it does enable you to compare actual values to predefined target values and associated tolerance ranges.**

## Summary of BIS Components



# Objectives

**After this completing this course, you should be able to do the following:**

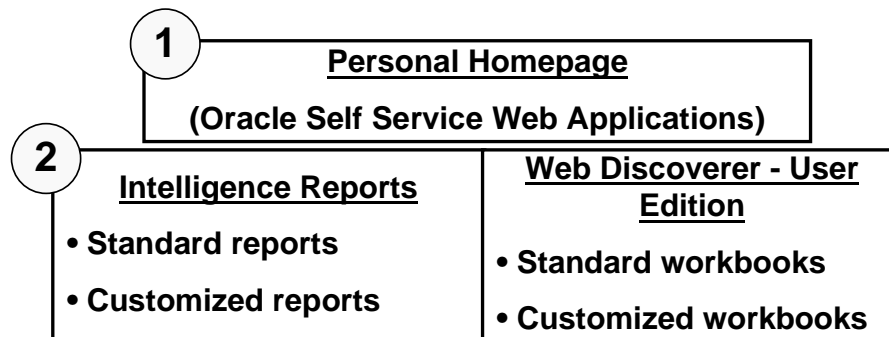
- Describe the Oracle Business Intelligence System (BIS)
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- Describe online help for BIS
- Discuss the new features of BIS, Release 11*i*

# BIS Architecture

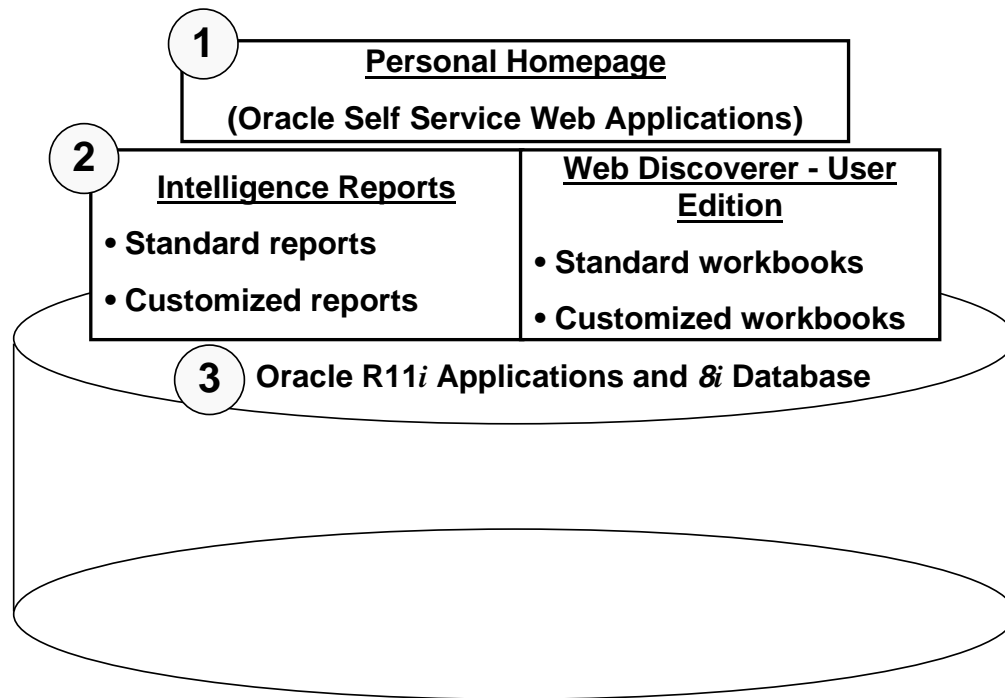
1

Personal Homepage  
(Oracle Self Service Web Applications)

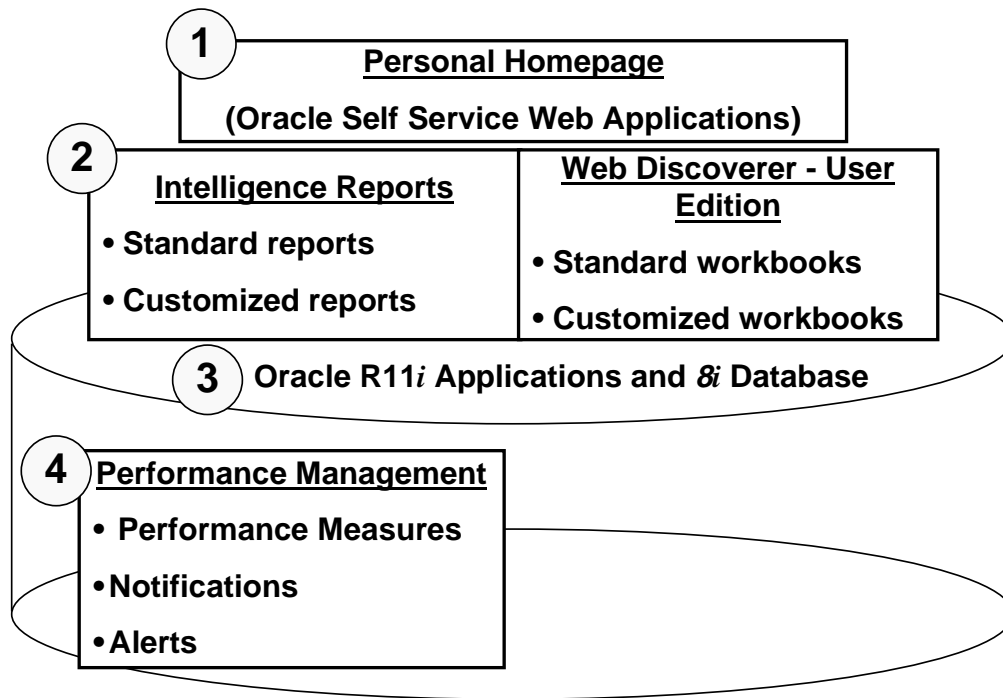
# BIS Architecture



# BIS Architecture

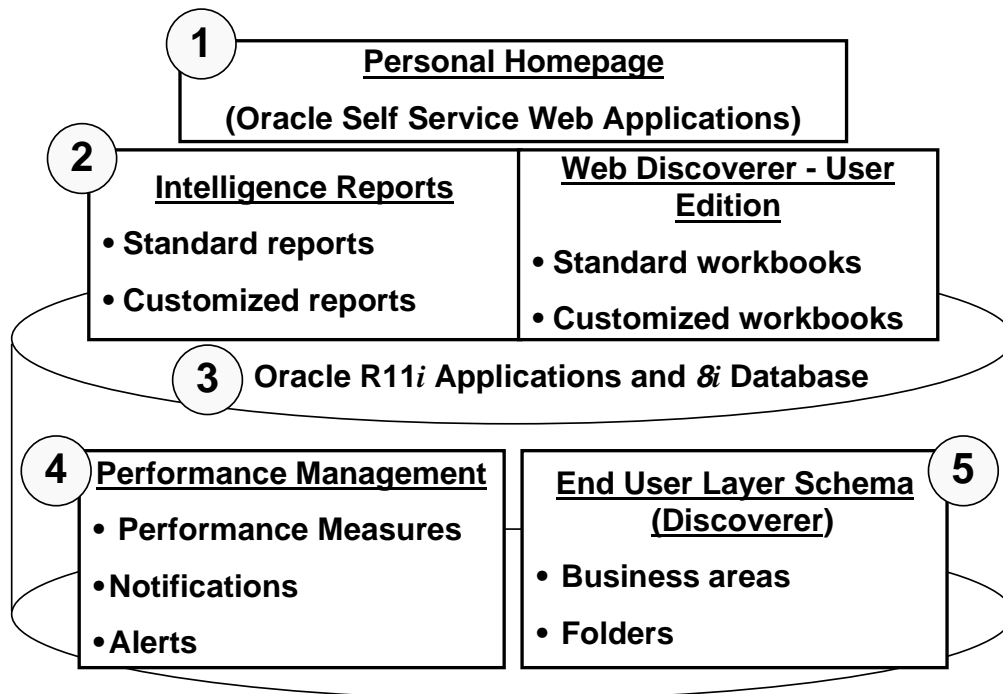


# BIS Architecture

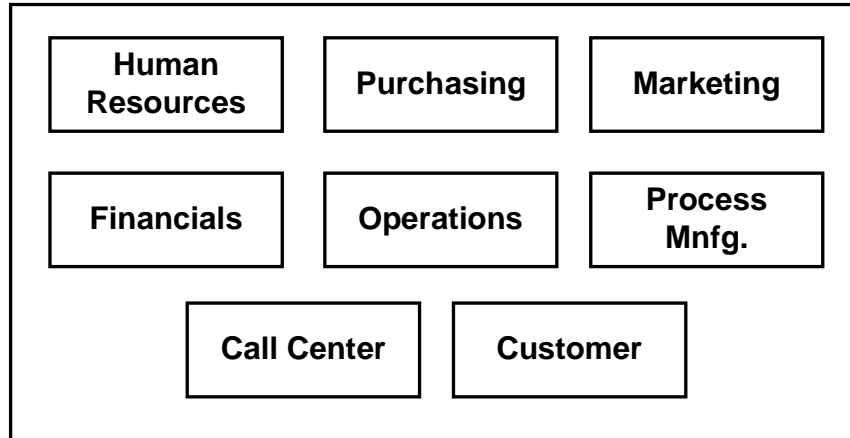




# BIS Architecture



## BIS Intelligence Areas



# Objectives

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- **Describe BIS components**
- **Describe the BIS technology stack and product interfaces**
- **Describe online help for BIS**
- **Discuss the new features of BIS, Release 11i**

## BIS On-line Help

Ask Oracle

Performance  
measures



Reports

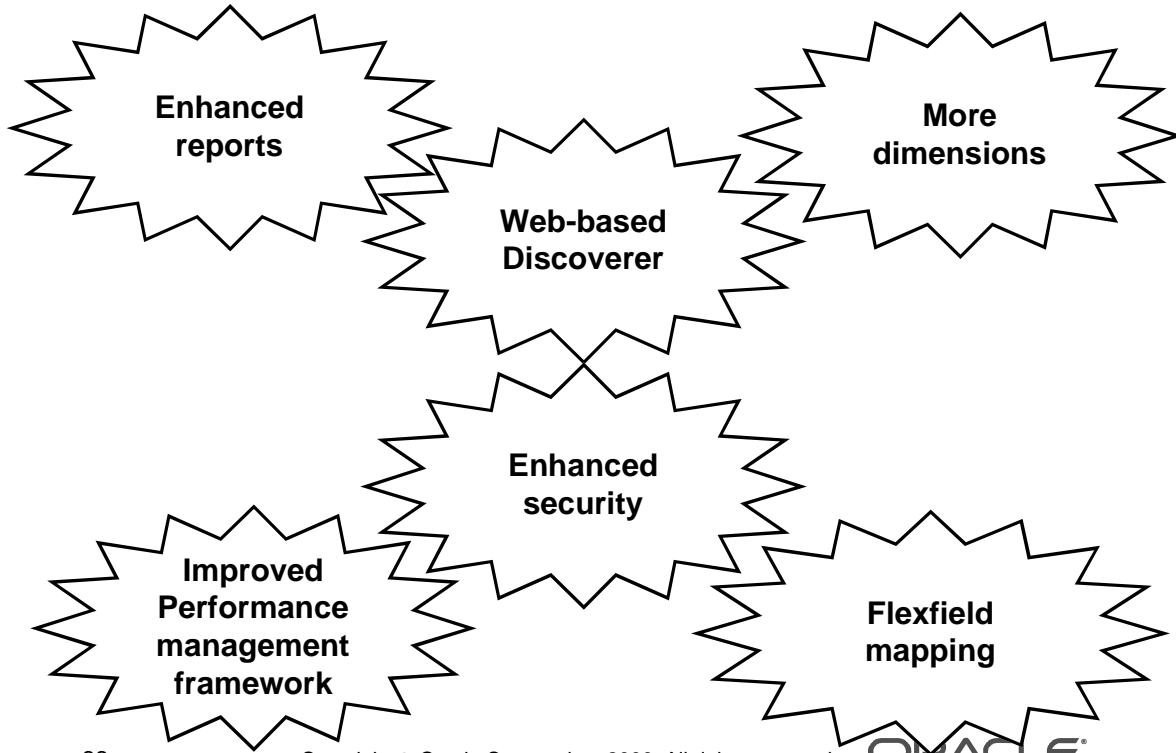
Homepage  
regions

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- **Discuss the new features of BIS, Release 11*i***

## New for BIS R11i



66

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