



Oracle Fusion HCM Extract

1. **YK_HR_I001_Emp_Details_V1**
2. **YK_EXT_I002_EMP_DETAILS_V1**
3. **YK_R001_REPORT_V1**

Yaswanth Kumar Munagapati

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S. No	Requirement
1	YK_HR_I001_Emp_Details_V1 Assignment ID, BU Name, user Name, Person Number, First Name, Middle Name, Last Name, Manager Name, Employee Status, Last Hire Date, Manager User Name, Collective Agreement Name, Home Phone Number, Home Phone Type, Birth Month, Contact Name, Person Id
2	YK_EXT_I002_EMP_DETAILS_V1 Institute Id, Hire Date, Person Id, First Name, Middle Name, Last Name, Date of Birth, Gender, Email, Dept Code, Department, Job Code, Job Name, User Name, Assignment Status, FTE, NID, YOE

Requirement 1: Assignment ID, BU Name, user Name, Person Number, First Name, Middle Name, Last Name, Manager Name, Employee Status, Last Hire Date, Manager User Name, Collective Agreement Name, Home Phone Number, Home Phone Type, Birth Month, Contact Name, Person Id

Requirement 2: Institute Id, Hire Date, Person Id, First Name, Middle Name, Last Name, Date of Birth, Gender, Email, Dept Code, Department, Job Code, Job Name, User Name, Assignment Status, FTE, NID, YOE

STEPS To Configure	
Step 1	Log In to Instance: https://eiiv-dev2.fa.us6.oraclecloud.com/ User Name: PETER.HCM Password: Fusion@123
Step 2	Navigate to My Client Group -> Data Exchange ->View User Entity Details – For selecting the UE.
Step 3	Navigate to My Client Group -> Data Exchange ->Extract Definition – For Configuring the Extract Definition
Step 4	Define – For Configuring Extract Name Design – For Configuring the Root Data Group and Child Data Groups Deliver – For Configuring the Records and Attributes
Step 5	Validate the Fast Formula and Run the Extract

Step 1: Log In to Instance: <https://eiiv-dev2.fa.us6.oraclecloud.com/>
User Name: PETER.HCM
Password: Fusion@123

Step 2: Navigate to My Client Group -> Data Exchange ->View User Entity Details – For selecting the UE. And Checking User Entity Query to fulfil the requirement or not.

User Entity Query: EMPLOYEES UE - PER_EXT_PAY_EMPLOYEES_V2_UE

```
SELECT paaf.ASS_ATTRIBUTE24 , paaf.ASS_ATTRIBUTE25 , paaf.ASS_ATTRIBUTE26 ,
paaf.ASS_ATTRIBUTE27 , papf.person_id , papf.person_number , pprd.payroll_stat_unit_id ,
papf.effective_start_date , paaf.ASS_ATTRIBUTE8 , paaf.ASS_ATTRIBUTE29 ,
paaf.object_version_number , paaf.organization_id , paaf.position_id , paaf.primary_flag ,
paaf.primary_work_relation_flag , ppa.payroll_relationship_id ,
pprd.payroll_relationship_number , ppa.payroll_term_id , ppos.original_date_of_hire ,
ppos.primary_flag , ppos.worker_number , ppa.start_date , ppa.end_date ,
paaf.ASS_ATTRIBUTE5 , paaf.ASS_ATTRIBUTE6 , paaf.ASS_ATTRIBUTE7 , paaf.created_by ,
paaf.ASS_ATTRIBUTE3 , paaf.ASS_ATTRIBUTE30 , paaf.ASS_ATTRIBUTE4 ,
paaf.ASS_ATTRIBUTE20 , paaf.ASS_ATTRIBUTE21 , paaf.ASS_ATTRIBUTE22 ,
paaf.ASS_ATTRIBUTE23 , paaf.ASS_ATTRIBUTE17 , paaf.assignment_number ,
paaf.REASON_CODE , paaf.ASS_ATTRIBUTE28 , papf.effective_end_date ,
paaf.primary_assignment_flag , paaf.primary_work_terms_flag ,
paaf.assignment_status_type , paaf.system_person_type , ppos.date_start ,
ppos.period_of_service_id , ppa.hr_assignment_id , ppos.actual_termination_date ,
ppos.adjusted_svc_date , paaf.assignment_type , paaf.creation_date ,
paaf.effective_end_date , paaf.effective_start_date , paaf.employee_category ,
ppos.legislation_code , paaf.ASS_ATTRIBUTE14 , pprd.legislative_data_group_id ,
ppa.hr_term_id , ppa.legal_employer_id , paaf.ASS_ATTRIBUTE13 , paaf.ASS_ATTRIBUTE10 ,
paaf.employment_category , paaf.frequency , paaf.grade_id , paaf.job_id ,
paaf.last_updated_by , paaf.last_update_date , paaf.last_update_login , paaf.legal_entity_id ,
paaf.ASS_ATTRIBUTE11 , paaf.ASS_ATTRIBUTE12 , papf.object_version_number ,
NVL2(paaf.organization_id,'DEPARTMENT','') , papd.payroll_id , paaf.ASS_ATTRIBUTE9 ,
papd.start_date ,
NVL(pay_report_utils.get_parameter_value_date('DATE_EARNED'),pay_report_utils.get_parameter_value_date('EFFECTIVE_DATE')) , paaf.location_id , paaf.assignment_name ,
paaf.ASS_ATTRIBUTE18 , ppa.payroll_assignment_id , paaf.ASS_ATTRIBUTE15 ,
paaf.ASS_ATTRIBUTE16 , paaf.ASS_ATTRIBUTE19 , paaf.ASS_ATTRIBUTE2 ,
papf.business_group_id , paaf.action_code , paaf.ASS_ATTRIBUTE1 , papd.end_date

FROM
    PER_ALL_PEOPLE_F      papf,
    per_periods_of_service ppos,
    per_all_assignments_f  paaf,
    pay_payroll_assignments ppa,
    pay_pay_relationships_dn pprd,
```

```

(select
    nvl((select min(pdf.date_value) from pay_dates pdf, pay_time_definitions ptdf where
        papd.assigned_payroll_id = pdf.source_id and ptdf.short_name = 'FSED' and
        pdf.source_type = 'AP' and ptdf.time_definition_id = pdf.time_definition_id),
        papd.start_date) as start_date,
    nvl((select max(pdf.date_value) from pay_dates pdf, pay_time_definitions ptdf where
        papd.assigned_payroll_id = pdf.source_id and ptdf.short_name = 'LSED' and
        pdf.source_type = 'AP' and ptdf.time_definition_id
        =pdf.time_definition_id),papd.end_date) as end_date,
    papd.payroll_term_id,
    papd.payroll_id
from pay_assigned_payrolls_dn papd) papd

```

where

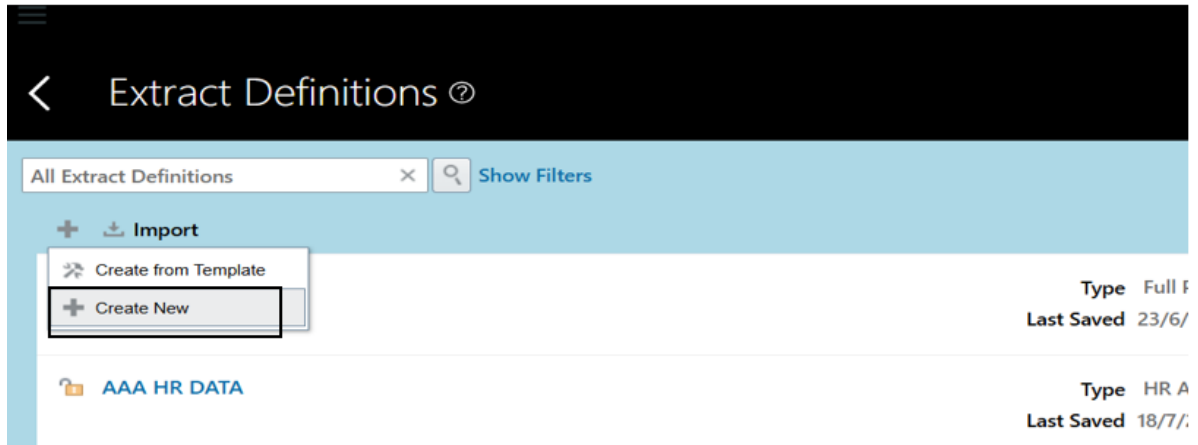
```

ppos.person_id      = papf.person_id
and paaf.person_id  = ppos.person_id
and paaf.period_of_service_id = ppos.period_of_service_id
and paaf.assignment_id      = ppa.hr_assignment_id
and papd.payroll_term_id(+)  = ppa.payroll_term_id
and ppa.payroll_relationship_id = pprd.payroll_relationship_id
and paaf.work_terms_assignment_id = ppa.hr_term_id
and trunc(&B1) between papf.effective_start_date and papf.effective_end_date
and trunc(&B1) between paaf.effective_start_date and paaf.effective_end_date
and trunc(&B1) between pprd.start_date and pprd.end_date
and trunc(&B1) between ppa.start_date and ppa.end_date
and trunc(&B1) between papd.start_date(+) and papd.end_date(+)

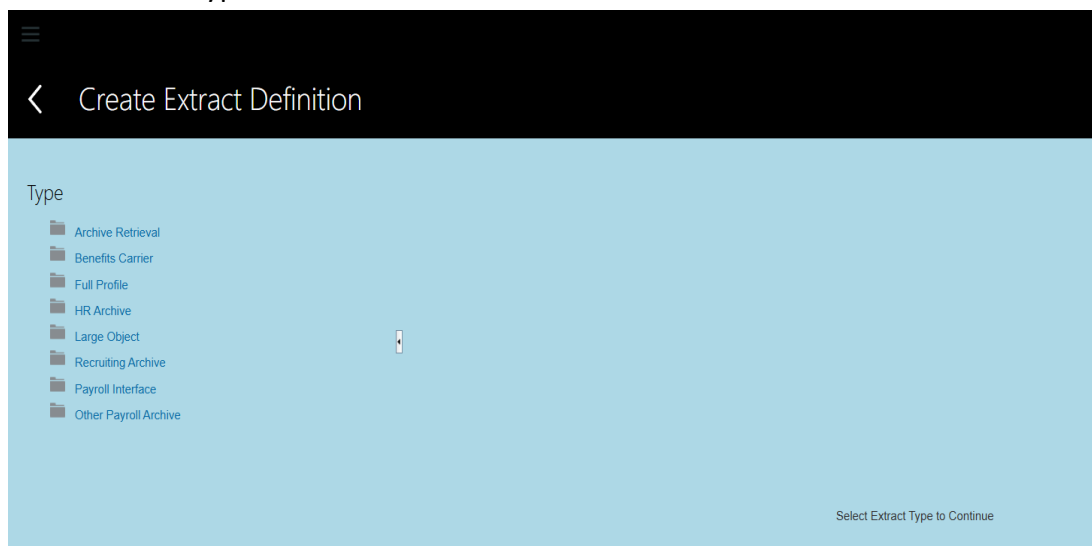
```

Step 3: Navigate to My Client Group -> Data Exchange -> Extract Definition – For Configuring the Extract Definition

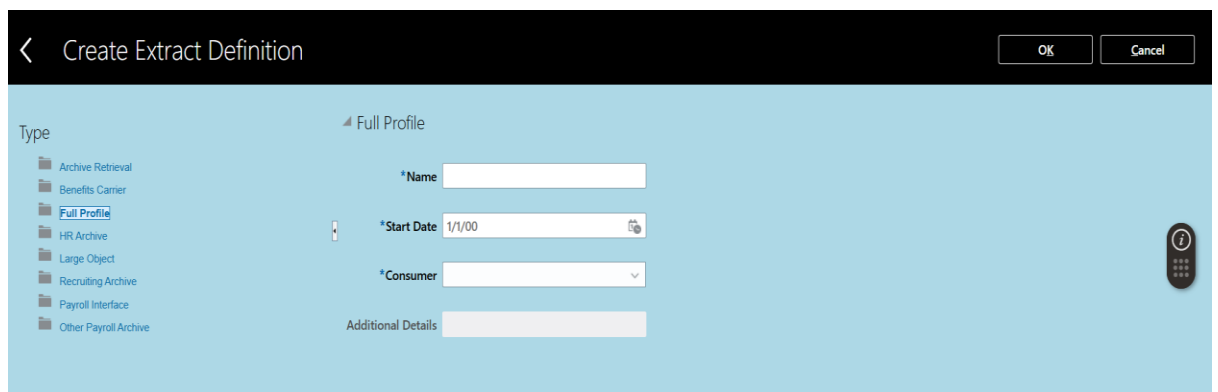
(i) Click on Create: YK_HR_I001_Emp_Details_V1 / YK_EXT_I002_EMP_DETAILS_V1



(ii) Select Extract Type



(iii) Fill the details and click on OK



(iv) Landing on Extract Define Page

YK_HR_I001_Emp_Details_V1: Define

Save Validate Cancel

Extract Attributes

Define Design Deliver Preview

*Tag Name I001_EXT_V2 Consumer Report

Type Full Profile Status Active Valid Valid Lock Definition Changes Only No

Additional Details

Description

*Unlock Comments Extract Created

Parameters

+ Add Delete Show hidden parameters Show Basic View

Name	Tag Name	Data Type	Display	Display Format	Lookup	Description
------	----------	-----------	---------	----------------	--------	-------------

(v) Click on Design, here we configure the Root Data Group and Filter and Click on Save.

YK_HR_I001_Emp_Details_V1: Design

Save Validate Cancel

Object Name

- I001_DG
- I001_REC

I001_DG

Properties Filters Records

Name I001_DG *Tag Name I001_DG User Entity PER_EXT_PAY_EMPLOYEES_V2_UE Threading Database Item Extract Employee V2 Assignment ID Enable Object Snapshot

Threading Action Type Object actions Description

For Filter:

I001_DG

Properties Filters Records

Effective Start Date	Filter Criteria Formula	Filter Criteria
1/1/00		

Edit Filter Criteria Condition

Database Item Name Operators Constant

Filter Criteria

Remove Last Added Reset Calculate Rows

Advanced OK Cancel

Edit Filter Criteria Condition

PAAF.ASSIGNMENT_STATUS_TYPE = 'ACTIVE'

Basic Validate **OK** Cancel

(vi) Create a Record for the Data Groups

YK_HR_I001_Emp_Details_V1: Define Save Validate Cancel

Define Design Deliver Preview

Data Group
Name
I001_DG
I001_REC

I001_DG
Properties Filters Records

Effective Start Date	Filter Criteria Formula	Filter Criteria
1/1/00		

(vii) Create Record Name and Attribute and Click on Save

YK_HR_I001_Emp_Details_V1: Define Save Validate Cancel

Define Design Deliver Preview

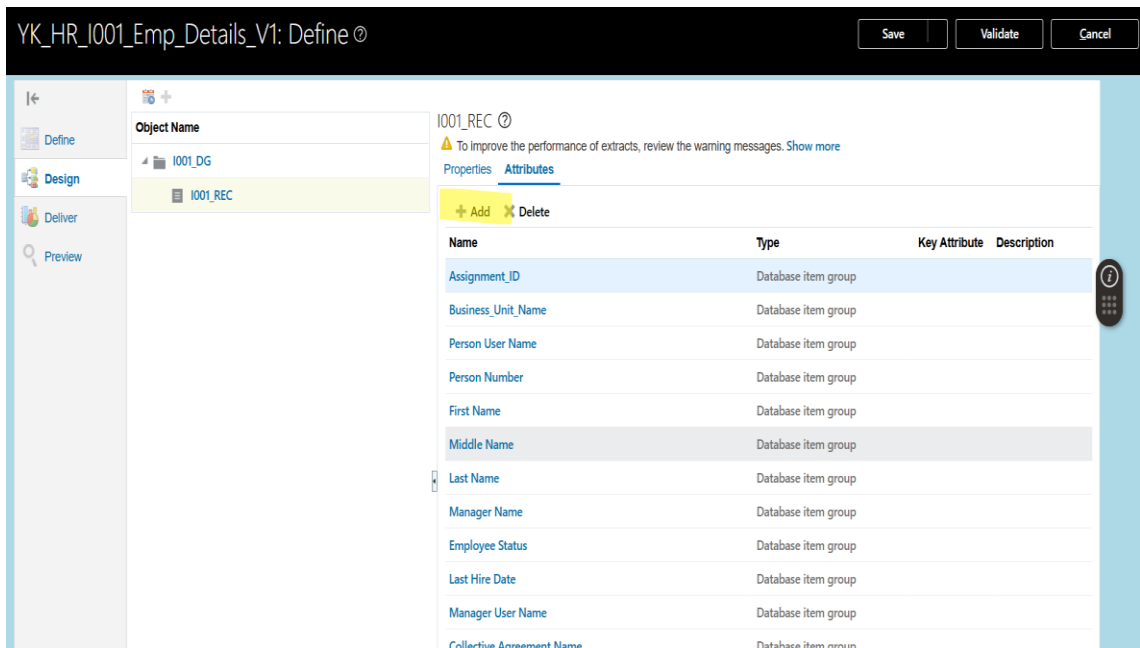
Object Name
I001_DG
I001_REC

I001_REC
Properties Attributes

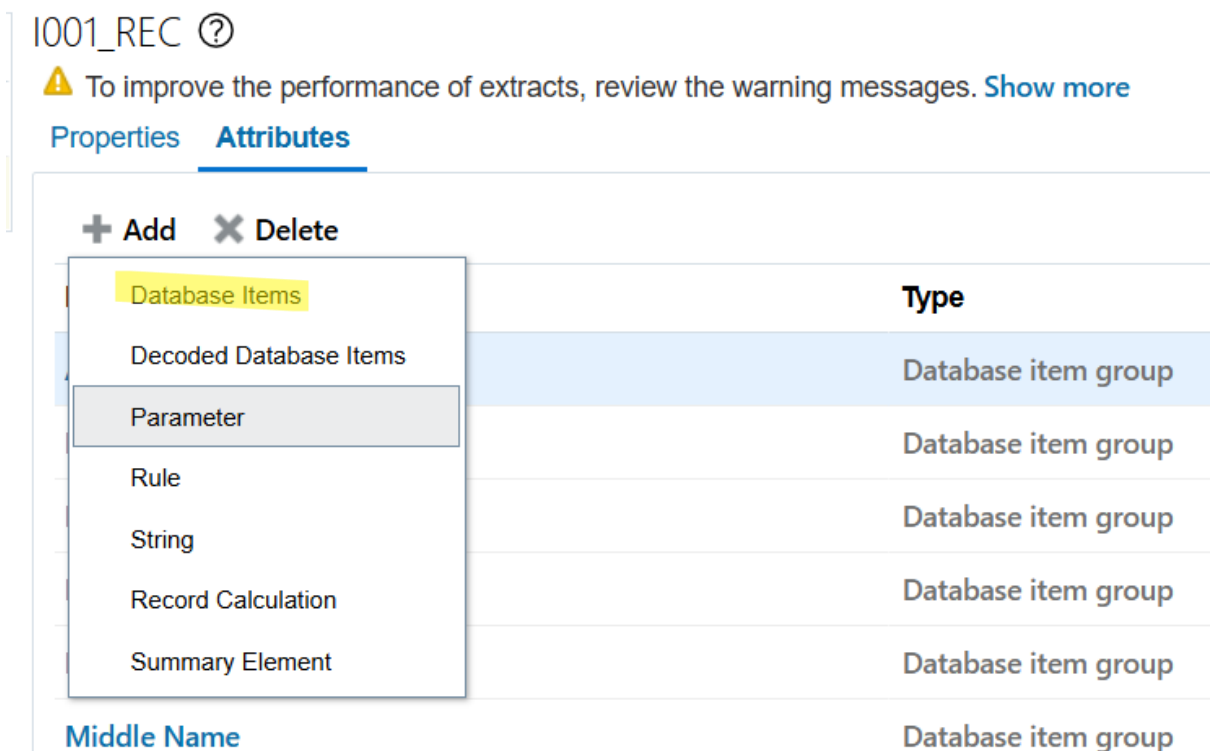
Effective Start Date	1/1/00	Hidden	<input type="checkbox"/>
*Sequence	5	Required	<input type="checkbox"/>
Name	I001_REC	Description	
*Tag Name	I001_REC	Generated Fast Formula	EXT_I001_REC_300000089772684
Type	Detail record		
Process Type	Fast Formula		
Next Data Group			

Advanced Conditions

(viii) Create attributes of each and every field visible on report



(ix) Click on +, Select Database Items, Rule, String as per requirement



(x) Select Quick Create

Selection Type

☒ Select ☐ Quick Create

Search and Select Attributes

Add Cancel

	<input type="text"/>	<input type="text"/>
Select	Name	Description
<input type="checkbox"/>	Extract Employee V2 Payroll Assigned End Date	Extract Employee V2 Payroll Assigned End Date
<input type="checkbox"/>	Extract Employee V2 Payroll Assigned Start Date	Extract Employee V2 Payroll Assigned Start D...
<input type="checkbox"/>	Extract Employee V2 Payroll Assignment End Date	Extract Employee V2 Payroll Assignment End ...
<input type="checkbox"/>	Extract Employee V2 Payroll Assignment ID	Extract Employee V2 Payroll Assignment ID
<input type="checkbox"/>	Extract Employee V2 Payroll Assignment Start Date	Extract Employee V2 Payroll Assignment Start...
<input type="checkbox"/>	Extract Employee V2 Payroll ID	Extract Employee V2 Payroll ID
<input type="checkbox"/>	Extract Employee V2 Payroll Object Version Number	Extract Employee V2 Payroll Object Version N...

(xi) Select appropriate Database Items Group

Assignment_ID ?
Database Item

OK Cancel

Basic Information

Name Assignment_ID

*Tag Name Assignment_ID

*Short Code Assignment_ID

Start Date 1/1/00

*Data Type Number

Default Value

Description

Hidden

Required

Wrap as CDATA

Output Column 5

Additional Information

*Database Item Group Extract Employee V2 Assignment ID

(xii) Rule Based Attribute – We need to tag the fast formulas at Rule field

Birth Month ?

Rule

OK

Cancel

▲ Basic Information

Name Birth Month

*Tag Name Birth_Month

*Short Code Birth_Month

Start Date 1/1/00

*Data Type Text

Default Value

Description

Output Column 90

Hidden ☐

Required ☐

Wrap as CDATA ☐

▲ Additional Information

*Rule YK_BIRTH_MONTH_FF

Attributes Creation: YK_HR_I001_Emp_Details_V1

Name	Type
Assignment_ID	Database item group
Business_Unit_Name	Database item group
Person User Name	Database item group
Person Number	Database item group
First Name	Database item group
Middle Name	Database item group
Last Name	Database item group
Manager Name	Database item group
Employee Status	Database item group
Last Hire Date	Database item group
Manager User Name	Database item group
Collective Agreement Name	Database item group
Home Phone Number	Database item group
Home Phone Type	Database item group
Birth Month	Rule
Contact Name	Rule
Person_Id	Database item group

Attributes Creation: YK_EXT_I002_EMP_DETAILS_V1

Name	Type
Institute Id	String
Last Name	Database item group
First Name	Database item group
Middle Name	Database item group
User Name	Database item group
Dept Name	Database item group
Assignment Status	Database item group
Job Title	Database item group
User Mail Address	Database item group
Gender	Database item group
Supervisor	Database item group
FTE	Database item group
NID	Database item group
Person Id	Database item group
Dept Code	Rule
Job Code	Rule
Date of Birth	Rule
Hire Date	Rule
Years of Experience	Rule

Appendix

Fast Formulas:

Extract Name	Attribute	Value set	Fast Formula
YK_HR_I001_Emp_Details_V1	Birth Month	YK_BIRTH_MONTH_VS	YK_BIRTH_MONTH_FF
	Contact Name	RK_EMP_CONACT_DISPLAY_NAME_VS	YK_CONTACT_DETAILS_FF
YK_EXT_I002_EMP_DETAILS_V1	Dept Code	YK_I002_DEPT_CODE_VS	YK_I002_DEPT_CODE_FF
	Job Code	YK_I002_JOB_CODE_VS	YK_I002_JOB_CODE_FF
	Date of Birth	YK_I002_DOB_VS	YK_I002_DOB_FF
	Hire Date	YK_I002_HIRE_DATE_VS	YK_I002_HIRE_DATE_FF
	Years of Experience	YK_I002_YOE_VS	YK_I002_YOE_FF

YK_BIRTH_MONTH_VS

```

/* Value set: YK_BIRTH_MONTH_VS */

SELECT

TO_CHAR(PP.DATE_OF_BIRTH, 'FMMONTH')

FROM
PER_ALL_PEOPLE_F PAPF,
PER_PERSONS PP

WHERE
1=1
AND PAPF.PERSON_ID = PP.PERSON_ID

AND PAPF.PERSON_ID = :{PARAMETER.P_PERSON_ID}
AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE

```

YK_BIRTH_MONTH_FF

```
/* FAST FORMULA */
/*****

FORMULA NAME: YK_BIRTH_MONTH_FF

FORMULA TYPE: Extract Rule

DESCRIPTION: This Formula is used to get the Birth Month

Change History:

Name                                Date                Comments
-----
Yaswanth Kumar Munagapati          17-AUG-2025         Initial Design
-----

*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT

DEFAULT FOR RULE_VALUE is ' '

DEFAULT FOR L_VALUE is ' '

INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)

L_VALUE = ' '

IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
    BIND_VAL = DATA_ELEMENTS['Person_Id']
    BIND_PARAM = '|P_PERSON_ID='
    V_CONCAT_VAL = BIND_PARAM||BIND_VAL||''
    L_VALUE = GET_VALUE_SET('I001_DOB_VS',V_CONCAT_VAL)
)

RULE_VALUE = L_VALUE

RETURN RULE_VALUE
```

RK_EMP_CONACT_DISPLAY_NAME_VS

```
/* Value Set: RK_EMP_CONACT_DISPLAY_NAME_VS */

SELECT

PPNF.DISPLAY_NAME

FROM
PER_ALL_PEOPLE_F PAPF,
PER_CONTACT_RELSHIPS_F PCRF,
PER_PERSON_NAMES_F PPNF

WHERE
1=1
AND PAPF.PERSON_ID = PCRF.PERSON_ID
AND PCRF.CONTACT_PERSON_ID = PPNF.PERSON_ID
AND PPNF.NAME_TYPE = 'GLOBAL'
AND PAPF.PERSON_ID = :{PARAMETER.P_PERSON_ID}
AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE
AND TRUNC(SYSDATE) BETWEEN PCRF.EFFECTIVE_START_DATE AND PCRF.EFFECTIVE_END_DATE
AND TRUNC(SYSDATE) BETWEEN PPNF.EFFECTIVE_START_DATE AND PPNF.EFFECTIVE_END_DATE
```

YK_CONTACT_DETAILS_FF

```
/******
FORMULA NAME: YK_CONTACT_DETAILS_FF
FORMULA TYPE: Extract Rule
DESCRIPTION: This Formula is used to get the Employee Contact Details

Change History:
Name                                     Date           Comments
-----
Yaswanth Kumar Munagapati              17-AUG-2025    Initial Design
*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT
DEFAULT FOR RULE_VALUE is ' '
DEFAULT FOR L_VALUE is ' '
INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)
L_VALUE = ' '

IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
  BIND_VAL = DATA_ELEMENTS['Person_Id']

  BIND_PARAM = '|P_PERSON ID='
  V_CONCAT_VAL = BIND_PARAM||BIND_VAL||''

  L_VALUE = GET_VALUE_SET('RK_EMP_CONACT_DISPLAY_NAME_VS',V_CONCAT_VAL)

  /*IF ISNULL(L_PER_NUM)= 'Y' THEN
  (
    L_VALUE = 'X'
  )*/
)

RULE_VALUE = L_VALUE

RETURN RULE_VALUE
```


YK_I002_DEPT_CODE_VS

```
/* Value set: YK_I002_DEPT_CODE_VS */

SELECT

'MHS:' || PD.ORGANIZATION_CODE

FROM
PER_ALL_PEOPLE_F PAPF,
PER_ALL_ASSIGNMENTS_M PAAM,
PER_DEPARTMENTS PD

WHERE
1=1
AND PAPF.PERSON_ID = PAAM.PERSON_ID
AND PAAM.ORGANIZATION_ID = PD.ORGANIZATION_ID

AND PAAM.PERSON_ID = :{PARAMETER.P_PERSON_ID}
AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE
AND TRUNC(SYSDATE) BETWEEN PAAM.EFFECTIVE_START_DATE AND PAAM.EFFECTIVE_END_DATE
AND TRUNC(SYSDATE) BETWEEN PD.EFFECTIVE_START_DATE AND PD.EFFECTIVE_END_DATE
```

YK_I002_DEPT_CODE_FF

```
/* FAST FORMULA */
/*****
FORMULA NAME: YK_I002_DEPT_CODE_FF
FORMULA TYPE: Extract Rule
DESCRIPTION: This Formula is used to get DEPT CODE as MHS:<DEPT_CODE>
Change History:
Name                               Date           Comments
-----
Yaswanth Kumar Munagapati          17-AUG-2025    Initial Design
*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT
DEFAULT FOR RULE_VALUE is ' '
DEFAULT FOR L_VALUE is ' '
INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)
L_VALUE = ' '

IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
    BIND_VAL = DATA_ELEMENTS['Person_Id']
    BIND_PARAM = '|P_PERSON_ID='
    V_CONCAT_VAL = BIND_PARAM||BIND_VAL||''
    L_VALUE = GET_VALUE_SET('YK_I002_DEPT_CODE_VS',V_CONCAT_VAL)
)

RULE_VALUE = L_VALUE

RETURN RULE_VALUE
```

YK_I002_JOB_CODE_VS

```
/* Value set: YK_I002_JOB_CODE_VS */

SELECT

'MH:' || PJ.JOB_CODE

FROM
PER_ALL_PEOPLE_F PAPF,
PER_ALL_ASSIGNMENTS_M PAAM,
PER_JOBS PJ

WHERE
1=1
AND PAPF.PERSON_ID = PAAM.PERSON_ID
AND PAAM.JOB_ID = PJ.JOB_ID

AND PAAM.PERSON_ID = :{PARAMETER.P_PERSON_ID}
AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE
AND TRUNC(SYSDATE) BETWEEN PAAM.EFFECTIVE_START_DATE AND PAAM.EFFECTIVE_END_DATE
AND TRUNC(SYSDATE) BETWEEN PJ.EFFECTIVE_START_DATE AND PJ.EFFECTIVE_END_DATE
```

YK_I002_JOB_CODE_FF

```
/* FAST FORMULA */
/*****
FORMULA NAME: YK_I002_JOB_CODE_FF
FORMULA TYPE: Extract Rule
DESCRIPTION: This Formula is used to get DEPT CODE as MH:<JOB_CODE>
Change History:
Name                               Date                Comments
-----
Yaswanth Kumar Munagapati          17-AUG-2025         Initial Design
-----
*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT
DEFAULT FOR RULE_VALUE is ' '
DEFAULT FOR L_VALUE is ' '
INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)
L_VALUE = ' '
IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
    BIND_VAL = DATA_ELEMENTS['Person_Id']
    BIND_PARAM = '|P_PERSON_ID='
    V_CONCAT_VAL = BIND_PARAM||BIND_VAL||''
    L_VALUE = GET_VALUE_SET('YK_I002_JOB_CODE_VS',V_CONCAT_VAL)
)

RULE_VALUE = L_VALUE

RETURN RULE_VALUE
```

YK_I002_DOB_VS

```
/* Value set: YK_I002_DOB_VS */

SELECT

TO_CHAR(P.P.DATE_OF_BIRTH, 'DD/MM/YYYY')

FROM
PER_ALL_PEOPLE_F PAPF,
PER_PERSONS PP

WHERE
1=1
AND PAPF.PERSON_ID = PP.PERSON_ID

AND PP.PERSON_ID = :{PARAMETER.P_PERSON_ID}
AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE
```

YK_I002_DOB_FF

```
/* FAST FORMULA */
/*****
FORMULA NAME: YK_I002_DOB_FF
FORMULA TYPE: Extract Rule
DESCRIPTION: This Formula is used to get DOB Format DD/MM/YYYY
Change History:
Name                               Date               Comments
-----
Yaswanth Kumar Munagapati          17-AUG-2025        Initial Design
-----
*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT
DEFAULT FOR RULE_VALUE is ' '
DEFAULT FOR L_VALUE is ' '
INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)
L_VALUE = ' '

IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
    BIND_VAL = DATA_ELEMENTS['Person_Id']
    BIND_PARAM = '|P_PERSON_ID='
    V_CONCAT_VAL = BIND_PARAM||BIND_VAL||' '
    L_VALUE = GET_VALUE_SET('YK_I002_DOB_VS',V_CONCAT_VAL)
)

RULE_VALUE = L_VALUE

RETURN RULE_VALUE
```

YK_I002_HIRE_DATE_VS

```
/*-----*/
/* Value set: YK_I002_HIRE_DATE_VS */
SELECT
TO_CHAR(PPOS.DATE_START, 'DD/MM/YYYY')

FROM
PER_ALL_PEOPLE_F PAPF,
PER_ALL_ASSIGNMENTS M PAAM,
PER_PERIODS_OF_SERVICE PPOS

WHERE
1=1
AND PAPF.PERSON_ID = PAAM.PERSON_ID
AND PAAM.PERIOD_OF_SERVICE_ID = PPOS.PERIOD_OF_SERVICE_ID

AND PAAM.PERSON_ID = :{PARAMETER.P_PERSON_ID}
AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE
```

YK_I002_HIRE_DATE_FF

```
/* FAST FORMULA */
/*****
FORMULA NAME: YK_I002_HIRE_DATE_FF
FORMULA TYPE: Extract Rule
DESCRIPTION: This Formula is used to get HIRE DATE Format DD/MM/YYYY
Change History:
Name                               Date                Comments
-----
Yaswanth Kumar Munagapati          17-AUG-2025          Initial Design
-----
*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT
DEFAULT FOR RULE_VALUE is ' '
DEFAULT FOR L_VALUE is ' '
INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)
L_VALUE = ' '
IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
    BIND_VAL = DATA_ELEMENTS['Person_Id']
    BIND_PARAM = '|P_PERSON_ID='
    V_CONCAT_VAL = BIND_PARAM||BIND_VAL||''
    L_VALUE = GET_VALUE_SET('YK_I002_HIRE_DATE_VS',V_CONCAT_VAL)
)

RULE_VALUE = L_VALUE
RETURN RULE_VALUE

/*-----*/
```

YK_I002_YOE_VS

```
/*-----*/
/* Value set: YK_I002_YOE_VS */

Select

round(MONTHS_BETWEEN(trunc(sysdate), trunc(ppos.date_start))/12,2)

From
PER_ALL_PEOPLE_F PAPF
,PER_ALL_ASSIGNMENTS_M PAAM
,PER_PERIODS_OF_SERVICE PPOS

WHERE 1=1
AND PAPF.PERSON_ID = PAAM.PERSON_ID
AND PAAM.PERIOD_OF_SERVICE_ID = PPOS.PERIOD_OF_SERVICE_ID

AND PAAM.PERSON_ID = :{PARAMETER.P_PERSON_ID}

AND TRUNC(SYSDATE) BETWEEN PAPF.EFFECTIVE_START_DATE AND PAPF.EFFECTIVE_END_DATE

AND TRUNC(SYSDATE) BETWEEN PAAM.EFFECTIVE_START_DATE AND PAAM.EFFECTIVE_END_DATE
```

YK_I002_YOE_FF

```
/* FAST FORMULA */
/*****
FORMULA NAME: YK_I002_YOE_FF
FORMULA TYPE: Extract Rule
DESCRIPTION: This Formula is used to get YOE
Change History:
Name          Date          Comments
-----
Yaswanth Kumar Munagapati  17-AUG-2025  Initial Design
-----
*****/

DEFAULT FOR DATA_ELEMENTS IS EMPTY_TEXT_TEXT
DEFAULT FOR RULE_VALUE is ' '
DEFAULT FOR L_VALUE is ' '
INPUTS ARE DATA_ELEMENTS (TEXT_TEXT)
L_VALUE = ' '
IF DATA_ELEMENTS.EXISTS('Person_Id') THEN
(
    BIND_VAL = DATA_ELEMENTS['Person_Id']
    BIND_PARAM = '|P_PERSON_ID='
    V_CONCAT_VAL = BIND_PARAM||BIND_VAL||' '
    L_VALUE = GET_VALUE_SET('YK_I002_YOE_VS',V_CONCAT_VAL)
)

RULE_VALUE = L_VALUE
RETURN RULE_VALUE
*****/
```

(xiii) In Deliver, We Create a Delivery Configuration Option

YK_EXT_I002_EMP_DETAILS_V1: Deliver ⓘ

Save Validate Cancel

Extract Delivery Options ⓘ

⚠ The None delivery option is used for testing the extract definition. You can distribute the extracted information by SFTP, email, fax, and other delivery modes.

+ ×

Delivery Option Name	Start Date	End Date	Output Type	Report	Template Name	Output Name	Delivery Type	Required	Enabled	Overriding Delivery Mode
DATA_XML	1/1/00	31/12/12	Data			DATA_XML	None	✓	✓	
YK_EXT_I002_RTF	1/1/00	31/12/12	Excel 2007	Custom/Human...	YK_I002	YK_EXT_I002_...	None	✓	✓	
YK_I002_eText	1/1/00	31/12/12	Text	Custom/Human...	I002_eText	YK_I002_eText	None	✓	✓	

Report Categories ⓘ

(xiv) Output Type – Data, FTP, Email, Excel, Text

YK_EXT_I002_EMP_DETAILS_V1: Deliver ⓘ

Save Validate Cancel

DATA_XML

OK Cancel

Basic Information

Delivery Option Name DATA_XML

Start Date 1/1/00

*End Date 31/12/12 ⓘ

*Output Type Data ▾

Report

Template Name

Delivery Type NONE

Overriding Delivery Mode ▾

Required ☒

Enabled ☒

Output File Name

Runtime File N ▾ + Date Format ▾ + Add constant +

Output Name DATA_XML

Reset Advanced

(xv) eText File

YK_EXT_I002_EMP_DETAILS_V1: Deliver ⓘ

Save Validate Cancel

YK_I002_eText

OK Cancel

Basic Information

Delivery Option Name YK_I002_eText

Start Date 1/1/00

*End Date 31/12/12 ⓘ

*Output Type Text ▾

Report Custom/Human Capital Management/

Template Name I002_eText

Delivery Type NONE

Overriding Delivery Mode ▾

Required ☒

Enabled ☒

Output File Name

Runtime File N ▾ + Date Format ▾ + Add constant +

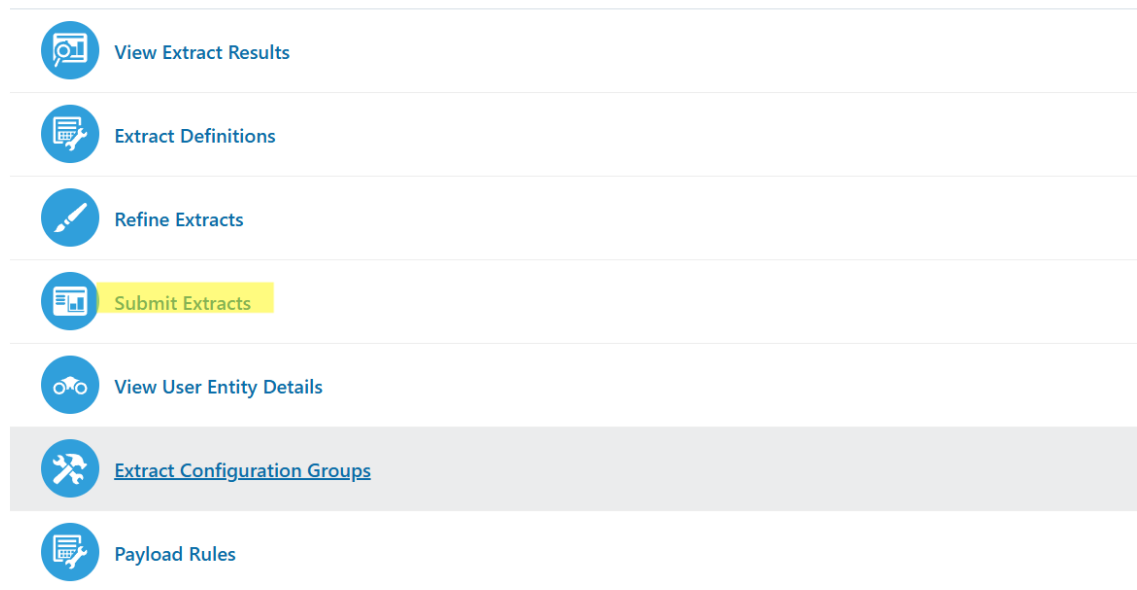
Output Name YK_I002_eText

Reset Advanced

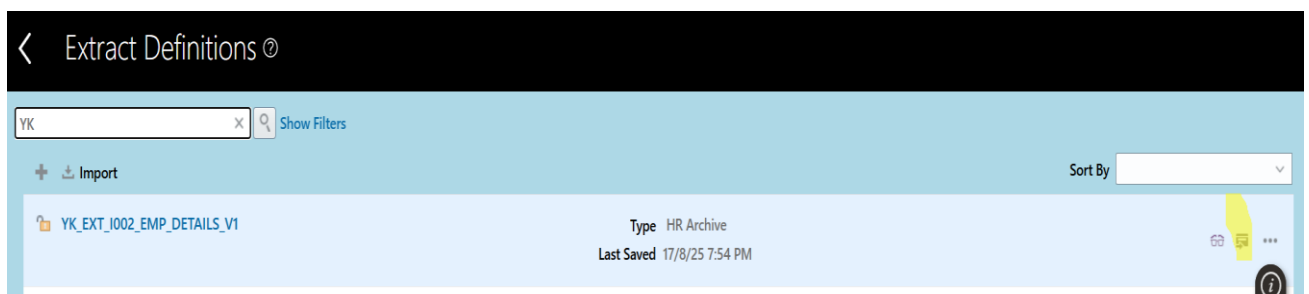
- (xvi) Create the Report, and save with the extension- .xdo
While Creating the report, need to tag the Data Model:
Shared Folder -> Human Capital Management -> Payroll -> Data Models -> globalReportsDataModel
- (xvii) Save the reports path
Report: Custom/Human Capital Management/Yas/<Report_Name>.xdo
Template Name: <Template Name>
- (xviii) For RTF Template output Type: FTP/Email/Data
For eText Template Output Type: Text

Step 5: Run the Extract

HCM Extracts



Or



Fill the Details of Extract Instance Name, Effective Date, Process Configuration Group (Define the threads-for execution speed) and click on SUBMIT

Submit Extract Instance

General Information

Extract Name
YK_EXT_I002_EMP_DETAILS_V1

Flow Name
YK_EXT_I002_EMP_DETAILS_V1

*Extract Instance Name

Criteria

*Effective Date
d/m/yy

Start Date
d/m/yy

Process Configuration Group

Schedule

Timetable
As soon as possible

Submit Cancel

After Completion of Process

YK_EXT_I002_EMP_DETAILS_V1_081825_V4

Refresh Rollback

General Information

Extract Name
YK_EXT_I002_EMP_DETAILS_V1

Flow Name
YK_EXT_I002_EMP_DETAILS_V1

Submitted By
PETER.HCM

Submitted On
18/8/25 1:25 AM

Status
Completed

Elapsed Time
+000000000 00:00:37.361000

Recurring
No

Scheduled On

Completed On
18/8/25 1:25 AM

Criteria

Instance Details

Output files generated under **Extract Delivery Options**

Extract Delivery Options

Output Files - WebCenter Content

There's nothing here so far.

Output Files - Others

Default

ESS_BI_75282_OP	YK_EXT_I002_RTF.xlsx	Download	Upload
ESS_BI_75283_OP	YK_I002_eText.txt	Download	Upload
ESS_ARCHIVE_300000090441235_OP	ESS_ARCHIVE_300000090441235_OP	Download	Upload

Final Output:

1. RTF Template in Excel:

Report: Custom/Human Capital Management/Yas/<Report_Name>.xdo

(Example: Report_Name: YK_I002_Report.xdo)

Template Name: <Template_Name> (Example: YK_I002)

Template Type: RTF Template

Output:

Institute_Id	Last_Name	First_Name	Middle_Name	User_Name	Dept_Name	Assignment_Status	Job_Title	User_Email_Address	Gender	Supervisor	FTE	IND	Dept_Code	Job_Code	Date_of_Birth	Hire_Date	YOE
MHS	Vaddempudi	Kalyan		kvaddempudi@deloitte.com		ACTIVE_PROCESS		noreply@hcm.com								26/02/2019	6.48
MHS	Dickard	Keenan		kdickard@deloitte.com		ACTIVE_PROCESS	Analyst	noreply@hcm.com		599054				MHAnalyst		26/02/2019	6.48
MHS	Vanvari	Nehta		nvvanvari@deloitte.com		ACTIVE_PROCESS		noreply@hcm.com								27/02/2019	6.48
MHS	Shankar	Shalini		sshankar@deloitte.com	Finance Department	ACTIVE_PROCESS	Finance Job	noreply@hcm.com			0		MHS.CDC127AF7D4F95FEF030A371A0A29933000000164988552021-10-1120.19.50.0	MH-J00508		27/02/2019	6.48
MHS	Shankar	Shalini		sshankar@deloitte.com	USCF Director Dept	ACTIVE_PROCESS	USCF Director	noreply@hcm.com			1		MHS.CDC127AF7D4F95FEF030A371A0A29933000000164988552021-10-1120.19.50.0	MH-J00508		27/02/2019	6.48
MHS	Shankar	Shalini		sshankar@deloitte.com		SUSPEND_PROCESS		noreply@hcm.com		2062079			MHS.CDC127AF7D4F95FEF030A371A0A29933000000164988552021-10-1120.19.50.0	MH-J00508		27/02/2019	6.48
MHS	Kedia	Ankish		ankedia@deloitte.com		ACTIVE_PROCESS		noreply@hcm.com								27/02/2019	6.48
MHS	Kannan	Deepak		dkannan@deloitte.com	Ors_Hcm	ACTIVE_PROCESS	Hc_Analyst	noreply@hcm.com		32022	0		MHS.CDC115C28FA395FD0E030A371A0A29933000000163930832021-10-1106.22.17.0	MH-A10101		27/02/2019	6.48
MHS	Kannan	Deepak		dkannan@deloitte.com		SUSPEND_PROCESS	Account Manager	noreply@hcm.com			0		MHS.CDC115C28FA395FD0E030A371A0A29933000000163930832021-10-1106.22.17.0	MH-A10101		27/02/2019	6.48
MHS	Mishra	Bhupendra		bhmishra@deloitte.com		ACTIVE_PROCESS		noreply@hcm.com		599161						27/02/2019	6.48

2. eText:

Template Used: I002_eText.RTF

Template Type: eText Template

Format Setup:

Hint: Define formatting options...

<TEMPLATE TYPE>	DELIMITER BASED
<OUTPUT CHARACTER SET>	UTF-8
<NEW RECORD CHARACTER>	Carriage Return

Format Data Records:

<LEVEL>	DATA_DS	<FORMAT>	<DATA>	<COMMENTS>
<MAXIMUM LENGTH>				
<NEW RECORD>	Header			
100	Alpha	'Institute Id'		Hard code
1	Alpha	' '		
100	Alpha	'Hire Date'		Hard code
1	Alpha	' '		
100	Alpha	'Person Id'		Hard code
1	Alpha	' '		
100	Alpha	'First Name'		Hard code
1	Alpha	' '		
100	Alpha	'Middle Name'		Hard code
1	Alpha	' '		
100	Alpha	'Last Name'		Hard code
1	Alpha	' '		
100	Alpha	'Date of Birth'		Hard code
1	Alpha	' '		
100	Alpha	'Gender'		Hard code
1	Alpha	' '		
100	Alpha	'Email'		Hard code
1	Alpha	' '		
100	Alpha	'Dept Code'		Hard code
1	Alpha	' '		
100	Alpha	'Department'		Hard code
1	Alpha	' '		
100	Alpha	'Job Code'		Hard code
1	Alpha	' '		
100	Alpha	'Job Name'		Hard code
1	Alpha	' '		
100	Alpha	'User Name'		Hard code
1	Alpha	' '		
100	Alpha	'Assignment Status'		Hard code
1	Alpha	' '		
100	Alpha	'Supervisor'		Hard code
1	Alpha	' '		
100	Alpha	'FTE'		Hard code
1	Alpha	' '		
100	Alpha	'NID'		Hard code
1	Alpha	' '		
100	Alpha	'YOE'		Hard code
<END	DATA_DS			

LEVEL>

I002_Rec

<LEVEL>	I002_Rec	<FORMAT>	<DATA>	<COMMENTS>
<MAXIMUM LENGTH>				
<NEW RECORD>	Header			
100	Alpha	'Institute Id'		Hard code
1	Alpha	' '		
100	Alpha	'Hire Date'		Hard code
1	Alpha	' '		
100	Alpha	'Person Id'		Hard code
1	Alpha	' '		
100	Alpha	'First Name'		Hard code
1	Alpha	' '		
100	Alpha	'Middle Name'		Hard code
1	Alpha	' '		
100	Alpha	'Last Name'		Hard code
1	Alpha	' '		
100	Alpha	'Date of Birth'		Hard code
1	Alpha	' '		
100	Alpha	'Gender'		Hard code
1	Alpha	' '		
100	Alpha	'User Mail Address'		Hard code
1	Alpha	' '		
100	Alpha	'Dept Code'		Hard code
1	Alpha	' '		
100	Alpha	'Dept Name'		Hard code
1	Alpha	' '		
100	Alpha	'Job Code'		Hard code
1	Alpha	' '		
100	Alpha	'Job Title'		Hard code
1	Alpha	' '		
100	Alpha	'User Name'		Hard code
1	Alpha	' '		
100	Alpha	'Assignment Status'		Hard code
1	Alpha	' '		
100	Alpha	'Supervisor'		Hard code
1	Alpha	' '		
100	Alpha	'FTE'		Hard code
1	Alpha	' '		
100	Alpha	'NID'		Hard code
1	Alpha	' '		
100	Alpha	'YOE'		Hard code
<END	I002_Rec			

Output:

```

|Institute Id|Hire Date|Person Id|First Name|Middle Name|Last Name|Date of
Birth|Gender|Email|Dept Code|Department|Job Code|Job Name|User Name|Assignment
Status|Supervisor|FTE|NID|YOE
MHS|26/02/2019|300000003102094
|Kalyan||Vaddempudi|||noreply@hcm.com|||kvaddempudi@deloitte.com|ACTIVE_PROCESS|||6.48
MHS|26/02/2019|300000003102480
|Keenan||Dickard|||noreply@hcm.com||MH:Analyst|Analyst|kdickard@deloitte.com|ACTIVE_PROCESS|
593054||6.48
MHS|27/02/2019|300000003107927
|Neha||Vanvari|||noreply@hcm.com|||nvanvari@deloitte.com|ACTIVE_PROCESS|||6.47
MHS|27/02/2019|300000003110116
|Shalini||Shankar|||noreply@hcm.com|MHS:CDC127AF7D4F95EFE0530A371A0A2993 300000016498855
2021-10-11 20.19.50.0|Finance Department|MH:J00508
|Finance_Job|shshankar@deloitte.com|ACTIVE_PROCESS||0||6.47
MHS|27/02/2019|300000003110116
|Shalini||Shankar|||noreply@hcm.com|MHS:CDC127AF7D4F95EFE0530A371A0A2993 300000016498855
2021-10-11 20.19.50.0|UCSF Director Dept|MH:J00508|UCSF
Director|shshankar@deloitte.com|ACTIVE_PROCESS||1||6.47
MHS|27/02/2019|300000003110116
|Shalini||Shankar|||noreply@hcm.com|MHS:CDC127AF7D4F95EFE0530A371A0A2993 300000016498855
2021-10-11 20.19.50.0|MH:J00508|shshankar@deloitte.com|SUSPEND_PROCESS|2062079||6.47
MHS|27/02/2019|300000003110242

```

THANK YOU