

|                 |                        |
|-----------------|------------------------|
| <b>NAME</b>     | S.PRANESH              |
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| <b>CLASS</b>    | B. E - CSE             |
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|                 | <b>ASSIGNMENT - 2</b>  |

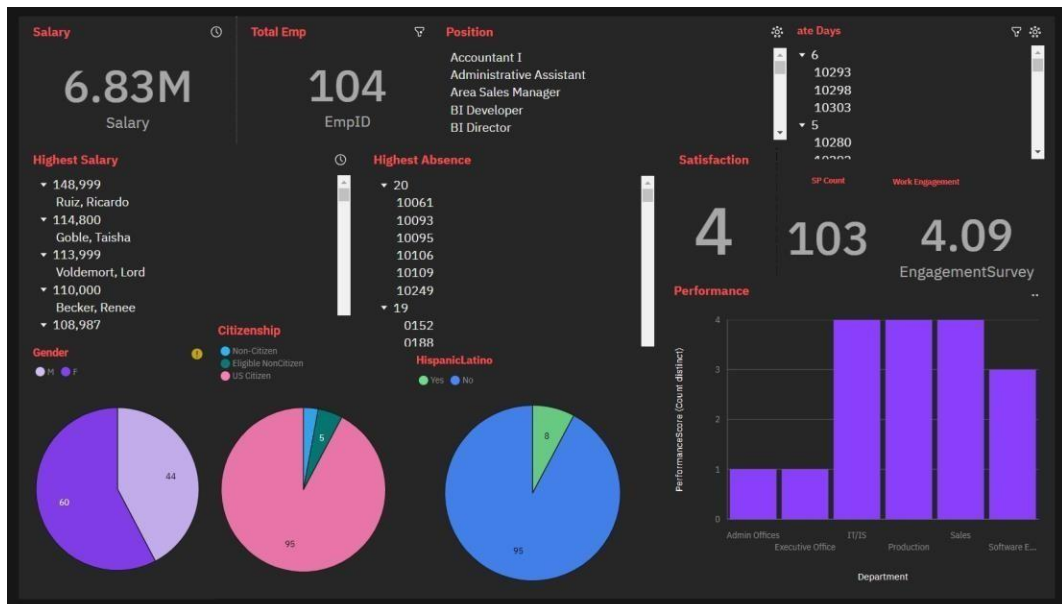
|             |  |
|-------------|--|
| <b>Task</b> | Upload the dataset to Cognos Analytics, prepare the data, explore and create Interactive Dashboard, report and Story |
|-------------|--|

### **Problem Statement:-**

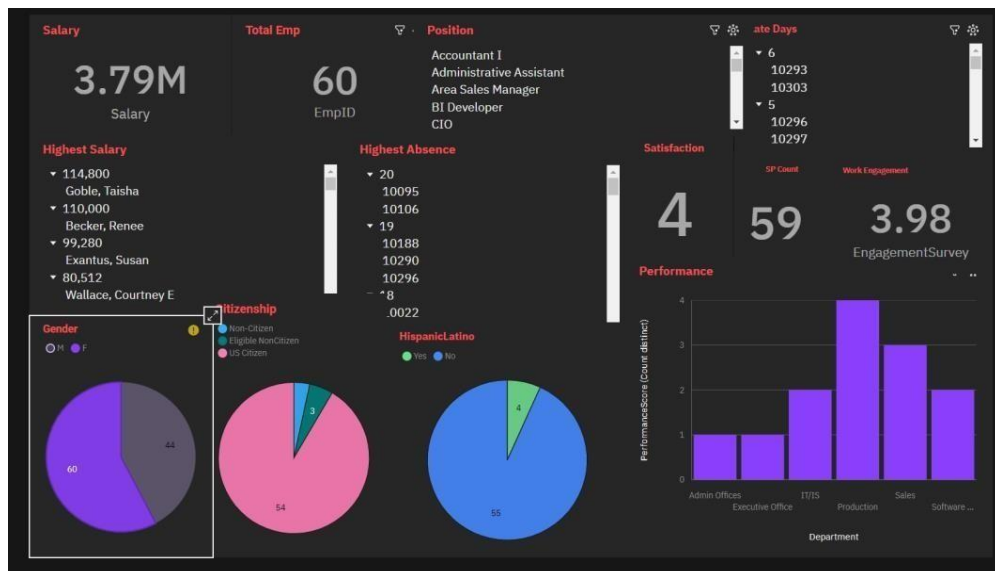
HR data can be hard to come by, and HR professionals generally lag behind with respect to analytics and data visualization competency. We use the data set to teach HR students how to use and analyze the data in Cognos - a data visualization tool that's easy to learn.

Output:-

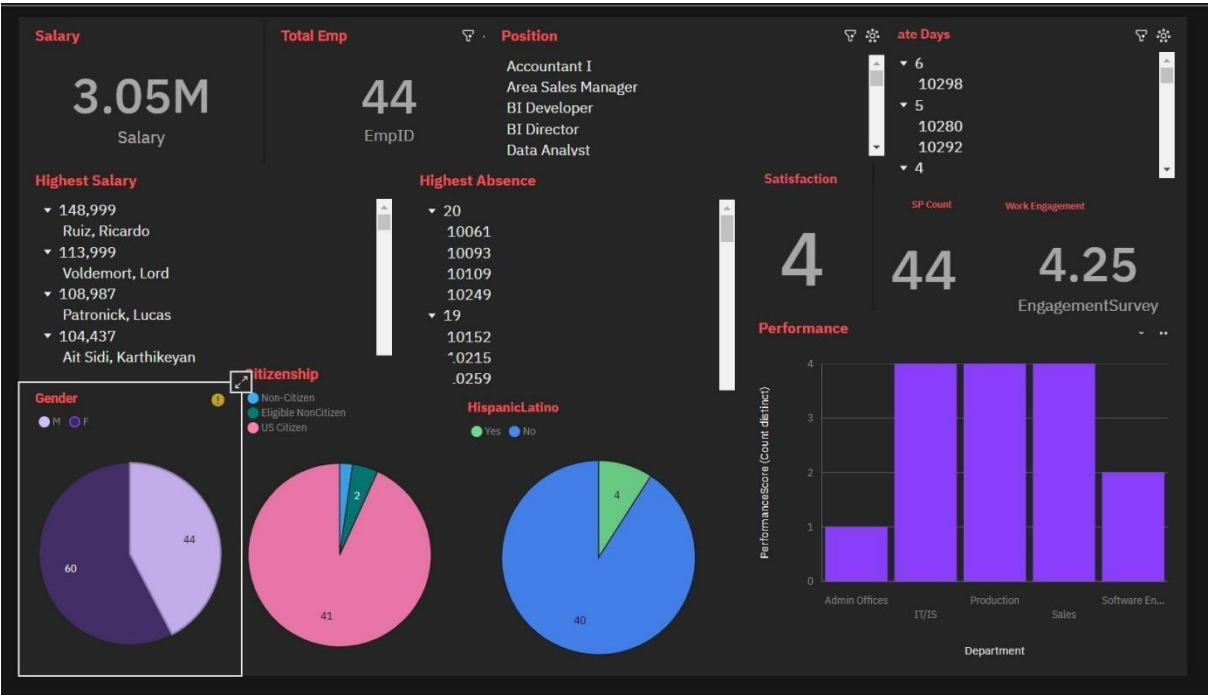
## Overall Dashboard



## Female Employees



# Male Employees



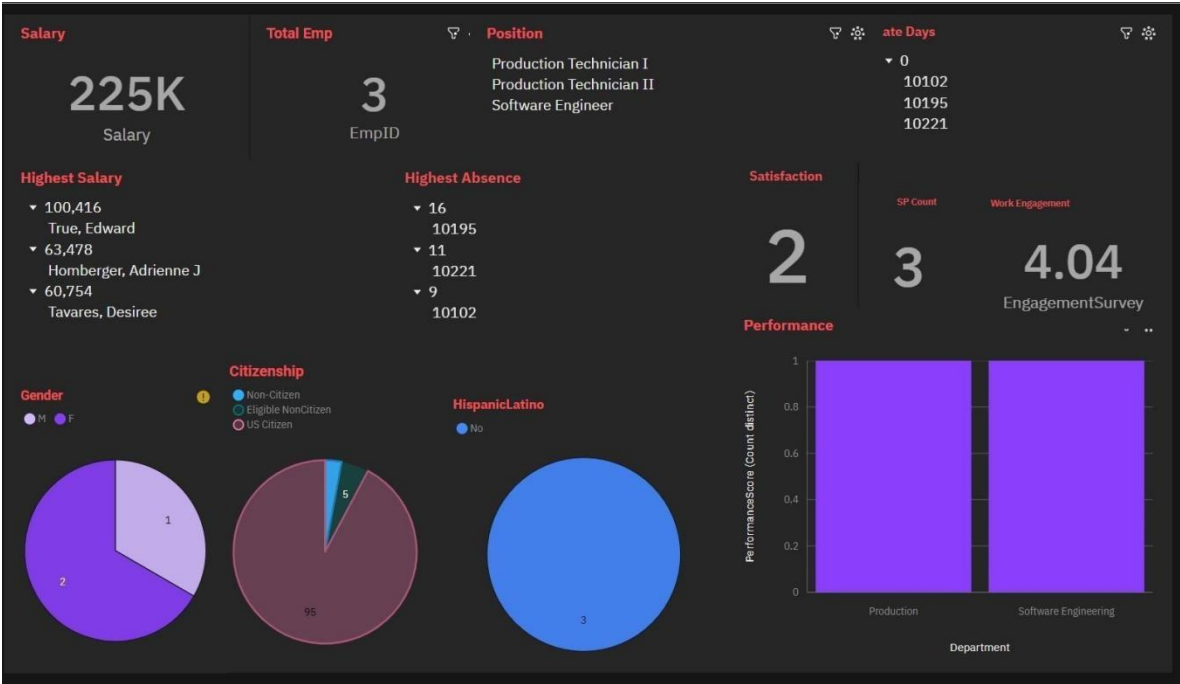
# Data Analyst Employee



# US Citizen Employees



# Search with Marital Staus



# Eligible Non Citizen Employees



# Search Dashboard

| Employee ID | Employee Name            | Department           |  |            |  |
|-------------|--------------------------|----------------------|--|------------|--|
| 10001       | Adinolfi, Wilson K       | Admin Offices        |  |            |  |
| 10002       | Ait Sidi, Karthikeyan    | Executive Office     |  |            |  |
| 10003       | Akinkuolie, Sarah        | IT/IS                |  |            |  |
| 10004       | Alagbe,Trina             | Production           |  |            |  |
| 10005       | Anderson, Carol          | Sales                |  |            |  |
| 10006       | Anderson, Linda          | Software Engineering |  |            |  |
| 10007       |                          |                      |  |            |  |
| 10008       |                          |                      |  |            |  |
| 10009       | Accountant I             | F                    |  | Divorced   |  |
| 10010       | Administrative Assistant | M                    |  | Married    |  |
| 10011       | Area Sales Manager       |                      |  | Separated  |  |
| 10012       | BI Developer             |                      |  | Single     |  |
| 10013       | BI Director              |                      |  | Widowed    |  |
| 10014       | CIO                      |                      |  |            |  |
| 10015       |                          |                      |  |            |  |
| 10016       |                          |                      |  |            |  |
| 10017       | 1/2/1951                 | 1/9/2006             |  | (no value) |  |
| 10018       | 2/25/1951                | 6/25/2007            |  | 8/30/2010  |  |
| 10019       | 1/18/1952                | 11/5/2007            |  | 5/30/2011  |  |
| 10020       | 2/11/1952                | 1/7/2008             |  | 9/26/2011  |  |
| 10021       | 8/18/1952                | 9/2/2008             |  | 10/22/2011 |  |
| 10022       | 5/24/1953                | 10/27/2008           |  | 1/2/2012   |  |
| 10023       |                          |                      |  |            |  |
| 10024       |                          |                      |  |            |  |
| 10025       | Exceeds                  | 5                    |  | 250,000    |  |
| 10026       | Fully Meets              | 4.96                 |  | 220,450    |  |
| 10027       | Needs Improvement        | 4.94                 |  | 180,000    |  |
| 10028       | PIP                      | 4.9                  |  | 178,000    |  |
| 10029       |                          | 4.88                 |  | 170,500    |  |
| 10030       |                          | 4.84                 |  | 157,000    |  |
| 10031       |                          | 4.83                 |  | 150,290    |  |

## Search with Employee ID

| Employee ID | Employee Name  | Department |
|-------------|----------------|------------|
| 10001       | Lynch, Lindsay | Production |
| 10002       |                |            |
| 10003       |                |            |
| 10004       |                |            |
| 10005       |                |            |
| 10006       |                |            |
| 10007       |                |            |
| 10008       |                |            |
| 10009       |                |            |
| 10010       |                |            |
| 10011       |                |            |
| 10012       |                |            |
| 10013       |                |            |
| 10014       |                |            |
| 10015       |                |            |
| 10016       |                |            |
| 10017       |                |            |
| 10018       |                |            |
| 10019       |                |            |
| 10020       |                |            |
| 10021       |                |            |
| 10022       |                |            |
| 10023       |                |            |
| 10024       |                |            |
| 10025       |                |            |
| 10026       |                |            |
| 10027       |                |            |
| 10028       |                |            |
| 10029       |                |            |
| 10030       |                |            |
| 10031       |                |            |

| Position                | Gender | Marital Status |
|-------------------------|--------|----------------|
| Production Technician I | F      | Single         |

| Date of Birth | Date of Join | Date of Terminated |
|---------------|--------------|--------------------|
| 2/14/1973     | 11/7/2011    | 11/14/2015         |

| Score   | Survey | Salary |
|---------|--------|--------|
| Exceeds | 5      | 47,434 |

## Search with Performance Score

## Search with Performance Score

## Search with Survey Performance and Department

| Employee ID | Employee Name    | Department    |              |                    |
|-------------|------------------|---------------|--------------|--------------------|
| 10220       | Clayton, Rick    | IT/IS         |              |                    |
| 10259       | Galia, Lisa      | Production    |              |                    |
| 10273       | Pearson, Randall |               |              |                    |
|             |                  | Position      | Gender       | Marital Status     |
|             |                  | Data Analyst  | F            | Married            |
|             |                  | IT Support    | M            | Single             |
|             |                  | Date of Birth | Date of Join | Date of Terminated |
|             |                  | 7/6/1968      | 5/1/2010     | 5/1/2016           |
|             |                  | 9/5/1984      | 9/5/2012     | (no value)         |
|             |                  | 9/5/1985      | 12/1/2014    |                    |
|             |                  | Score         | Survey       | Salary             |
|             |                  | Fully Meets   | 5            | 93,093             |
|             |                  |               | 4.96         | 68,678             |
|             |                  |               | 4.94         | 65,707             |
|             |                  |               | 4.7          |                    |
|             |                  |               | 4.64         |                    |
|             |                  |               | 4.61         |                    |
|             |                  |               | 4.6          |                    |

## Search with Multiple Attributes

| Employee ID | Employee Name  | Department           |              |                    |
|-------------|----------------|----------------------|--------------|--------------------|
| 10290       | Exantus, Susan | Production           |              |                    |
|             |                | Software Engineering |              |                    |
|             |                | Position             | Gender       | Marital Status     |
|             |                | Software Engineer    | F            | Married            |
|             |                | Date of Birth        | Date of Join | Date of Terminated |
|             |                | 5/15/1987            | 5/2/2011     | 6/5/2013           |
|             |                | Score                | Survey       | Salary             |
|             |                | Fully Meets          | 2.1          | 99,280             |
|             |                | Needs Improvement    |              |                    |