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| NAME | ADHILA FATHIMA A S |
| REG NO | 311520205004 |
| CLASS | B.Tech – IT |
| EMAIL ID | aadhilafathima2016@gmail.com |
| | ASSIGNMENT - 2 |

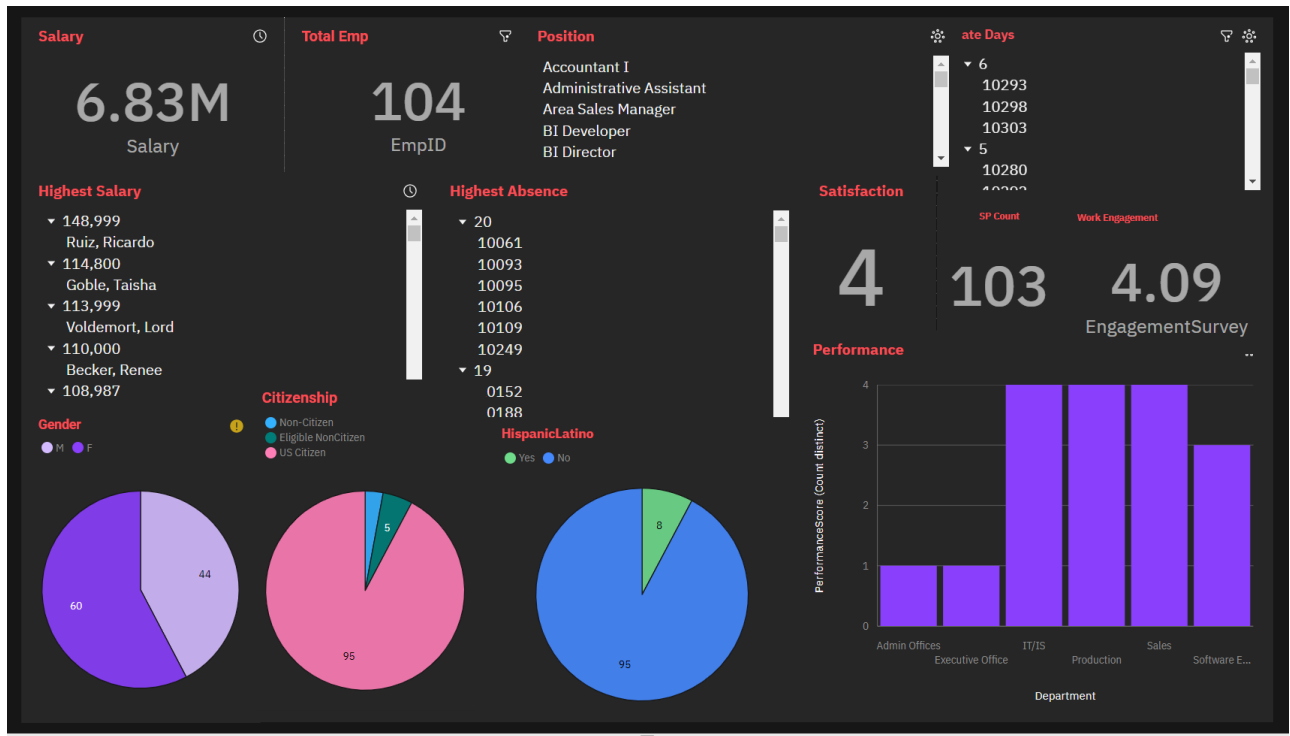
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| Task | Upload the dataset to Cognos Analytics, prepare the data, explore and create Interactive Dashboard, report and Story |
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Problem Statement:-

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



Non Citizen Employees



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 | | |

Search with Marital Status

| Employee ID | Employee Name | Department | Position | Gender | Marital Status | Date of Birth | Date of Join | Date of Terminated | Score | Survey | Salary |
|-------------|--------------------------|----------------------|----------|--------|----------------|---------------|--------------|--------------------|-------|--------|--------|
| 10003 | Ait Sidi, Karthikeyan | Admin Offices | | | | | | | | | |
| 10007 | Akinkuolie, Sarah | Executive Office | | | | | | | | | |
| 10011 | Alagbe,Trina | IT/IS | | | | | | | | | |
| 10016 | Baczinski, Rachael | Production | | | | | | | | | |
| 10017 | Barbara, Thomas | Sales | | | | | | | | | |
| 10021 | Beak. Kimberly | Software Engineering | | | | | | | | | |
| 10022 | | | | | | | | | | | |
| 10023 | | | | | | | | | | | |
| 10029 | Accountant I | | | F | Divorced | | | | | | |
| 10032 | Administrative Assistant | | | M | Married | | | | | | |
| 10034 | Area Sales Manager | | | | Separated | | | | | | |
| 10044 | BI Developer | | | | Single | | | | | | |
| 10045 | BI Director | | | | Widowed | | | | | | |
| 10047 | Data Analvst | | | | | | | | | | |
| 10048 | | | | | | | | | | | |
| 10049 | | | | | | | | | | | |
| 10050 | 1/18/1952 | | | | | 1/7/2008 | | (no value) | | | |
| 10051 | 2/11/1952 | | | | | 10/27/2008 | | 5/30/2011 | | | |
| 10052 | 5/24/1953 | | | | | 1/5/2009 | | 9/26/2011 | | | |
| 10053 | 9/21/1954 | | | | | 1/8/2009 | | 1/2/2012 | | | |
| 10056 | 10/12/1954 | | | | | 4/27/2009 | | 2/8/2012 | | | |
| 10057 | 4/14/1955 | | | | | 4/26/2010 | | 4/7/2012 | | | |
| 10063 | | | | | | | | | | | |
| 10064 | | | | | | | | | | | |
| 10070 | Exceeds | | 5 | | | | | 250,000 | | | |
| 10073 | Fully Meets | | 4.96 | | | | | 180,000 | | | |
| 10077 | Needs Improvement | | 4.9 | | | | | 157,000 | | | |
| 10078 | PIP | | 4.84 | | | | | 113,999 | | | |
| 10080 | | | 4.83 | | | | | 110,929 | | | |
| 10081 | | | 4.81 | | | | | 106,367 | | | |
| 10084 | | | 4.78 | | | | | 105,700 | | | |

Search with Performance Score

| Employee ID | Employee Name | Department | Position | Gender | Marital Status | Date of Birth | Date of Join | Date of Terminated | Score | Survey | Salary |
|-------------|--------------------------|----------------------|----------|--------|----------------|---------------|--------------|--------------------|-------|--------|--------|
| 10280 | Blount, Dianna | IT/IS | | | | | | | | | |
| 10281 | Cole, Spencer | Production | | | | | | | | | |
| 10282 | Corleone, Michael | Sales | | | | | | | | | |
| 10283 | DiNocco, Lily | Software Engineering | | | | | | | | | |
| 10284 | Estremera, Miguel | | | | | | | | | | |
| 10285 | Fvensen. Anril | | | | | | | | | | |
| 10286 | | | | | | | | | | | |
| 10287 | | | | | | | | | | | |
| 10288 | IT Manager - Infra | | | F | Divorced | | | | | | |
| 10289 | Production Manager | | | M | Married | | | | | | |
| 10290 | Production Technician I | | | | Single | | | | | | |
| 10291 | Production Technician II | | | | | | | | | | |
| 10292 | Sales Manager | | | | | | | | | | |
| 10293 | Software Engineer | | | | | | | | | | |
| 10294 | | | | | | | | | | | |
| 10295 | | | | | | | | | | | |
| 10296 | 6/6/1968 | | | | | 7/20/2010 | | (no value) | | | |
| 10297 | 8/9/1974 | | | | | 1/10/2011 | | 9/24/2012 | | | |
| | 12/17/1975 | | | | | 2/21/2011 | | 6/5/2013 | | | |
| | 11/15/1976 | | | | | 4/4/2011 | | 6/25/2015 | | | |
| | 12/2/1978 | | | | | 5/2/2011 | | 9/1/2015 | | | |
| | 4/12/1979 | | | | | 7/5/2011 | | 9/15/2015 | | | |
| | | | | | | | | | | | |
| | Exceeds | | 5 | | | | | 157,000 | | | |
| | Fully Meets | | 4.25 | | | | | 99,280 | | | |
| | Needs Improvement | | 4.13 | | | | | 83,082 | | | |
| | PIP | | 3.97 | | | | | 72,992 | | | |
| | | | 3.88 | | | | | 68,051 | | | |
| | | | 3.6 | | | | | 66,441 | | | |
| | | | 3.54 | | | | | 63,025 | | | |

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 | | |