# Power BI reports on self designed DB on SQL Server
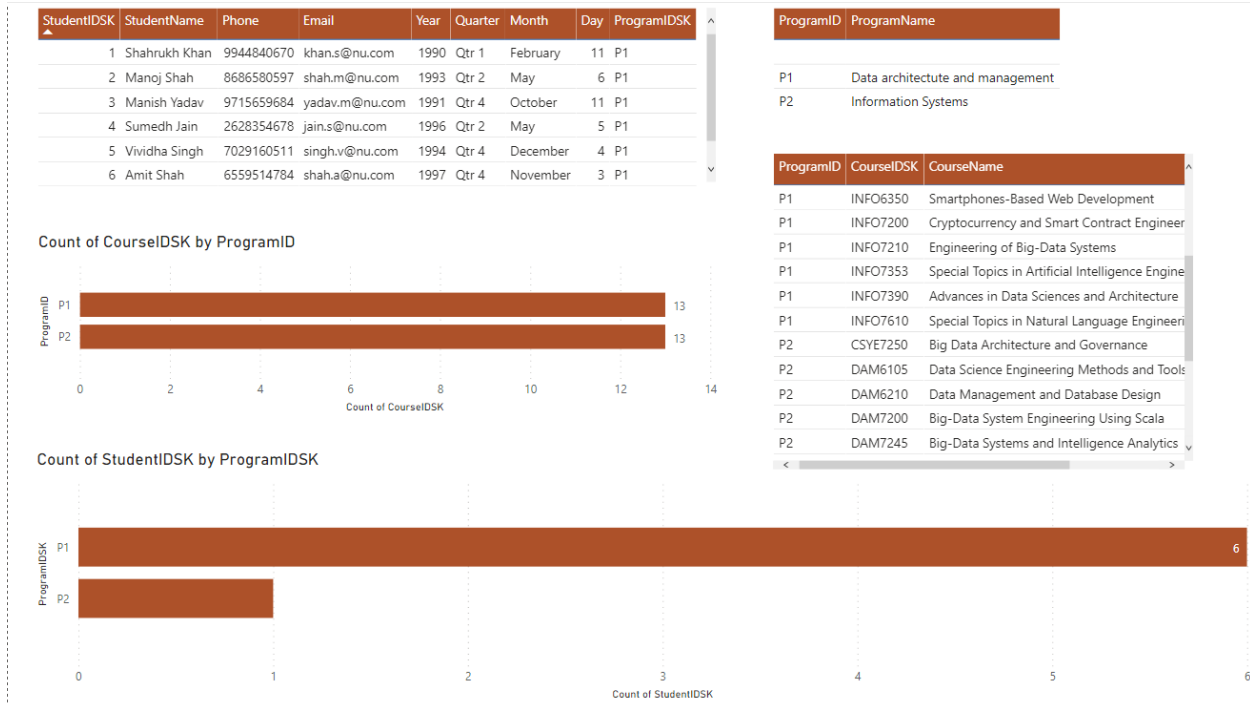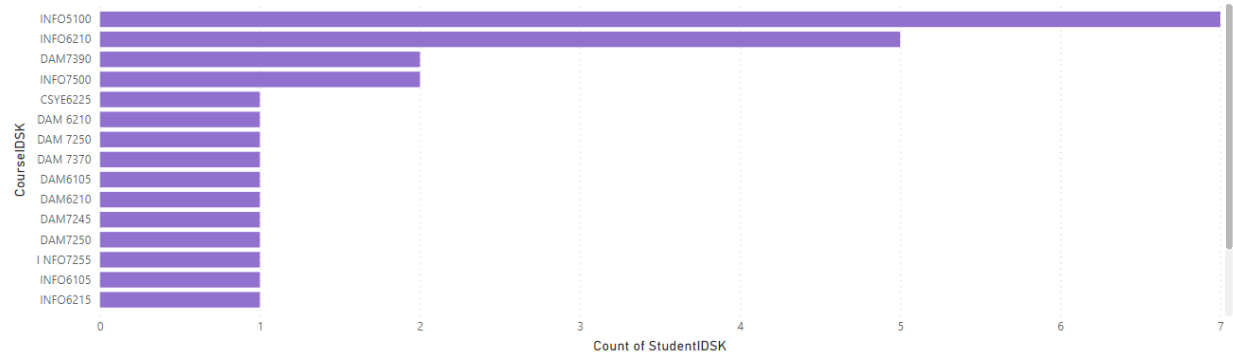
## Topic: University model with data insertion from SQL server

| StudentIDSK | StudentName | Phone | Email | Year | Quarter | Month | Day | ProgramIDSK |
|---|---|---|---|---|---|---|---|---|
| 1 | Shahrukh Khan | 9944840670 | khan.s@nu.com | 1990 | Qtr 1 | February | 11 | P1 |
| 2 | Manoj Shah | 8686580597 | shah.m@nu.com | 1993 | Qtr 2 | May | 6 | P1 |
| 3 | Manish Yadav | 9715659684 | yadav.m@nu.com | 1991 | Qtr 4 | October | 11 | P1 |
| 4 | Sumedh Jain | 2628354678 | jain.s@nu.com | 1996 | Qtr 2 | May | 5 | P1 |
| 5 | Vividha Singh | 7029160511 | singh.v@nu.com | 1994 | Qtr 4 | December | 4 | P1 |
| 6 | Amit Shah | 6559514784 | shah.a@nu.com | 1997 | Qtr 4 | November | 3 | P1 |

| ProgramID | ProgramName |
|---|---|
| P1 | Data architectute and management |
| P2 | Information Systems |

| ProgramID | CourseIDSK | CourseName |
|---|---|---|
| P1 | INFO6350 | Smartphones-Based Web Development |
| P1 | INFO7200 | Cryptocurrency and Smart Contract Engineer |
| P1 | INFO7210 | Engineering of Big-Data Systems |
| P1 | INFO7353 | Special Topics in Artificial Intelligence Engine |
| P1 | INFO7390 | Advances in Data Sciences and Architecture |
| P1 | INFO7610 | Special Topics in Natural Language Engineeri |
| P2 | CSYE7250 | Big Data Architecture and Governance |
| P2 | DAM6105 | Data Science Engineering Methods and Tools |
| P2 | DAM6210 | Data Management and Database Design |
| P2 | DAM7200 | Big-Data System Engineering Using Scala |
| P2 | DAM7245 | Big-Data Systems and Intelligence Analytics |

### Count of CourseIDSK by ProgramID



### Count of StudentIDSK by ProgramIDSK

## Count of StudentIDSK by CourseIDSK

| CourseIDSK | Count of StudentIDSK |
|---|---|
| INFO5100 | 7 |
| INFO6210 | 5 |
| DAM7390 | 2 |
| INFO7500 | 2 |
| CSYE6225 | 1 |
| DAM 6210 | 1 |
| DAM 7250 | 1 |
| DAM 7370 | 1 |
| DAM6105 | 1 |
| DAM6210 | 1 |
| DAM7245 | 1 |
| DAM7250 | 1 |
| I NFO7255 | 1 |
| INFO6105 | 1 |
| INFO6215 | 1 |

| StudentName | Phone | Email | CourseIDSK | StudentIDSK |
|---|---|---|---|---|
| Amit Shah | 6559514784 | shah.a@nu.com | INFO6210 | 6 |
| Manish Yadav | 9715659684 | yadav.m@nu.com | INFO5100 | 3 |
| Manoj Shah | 8686580597 | shah.m@nu.com | INFO6210 | 2 |
| Shahrukh Khan | 9944840670 | khan.s@nu.com | INFO5100 | 1 |
| Sumedh Jain | 2628354678 | jain.s@nu.com | INFO6105 | 4 |
| Suresh Nair | 9551766167 | nair.s@nu.com | INFO5100 | 7 |
| Vividha Singh | 7029160511 | singh.v@nu.com | INFO5100 | 5 |

| CourseIDSK | CourseName | CourseType | CreditHours |
|---|---|---|---|
| CSYE6255 | Network Structures and Cloud Computing | Elective | 4.00 |
| CSYE7250 | Big Data Architecture and Governance | Elective | 4.00 |
| CSYE7280 | User Experience Design and Testing | Elective | 4.00 |
| DAM6105 | Data Science Engineering Methods and Tools | Core | 4.00 |
| DAM6210 | Data Management and Database Design | Core | 4.00 |
| DAM7200 | Big-Data System Engineering Using Scala | Elective | 4.00 |
| DAM7245 | Big-Data Systems and Intelligence Analytics | Elective | 4.00 |
| DAM7250 | Engineering of Big-Data Systems | Core | 4.00 |
| DAM7370 | Designing Advanced Data Architectures for Business Intelligence | Core | 4.00 |

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| GradeSK | GPA |
|---|---|
| A- | 3.66 |
| A+ | 4.00 |
| B | 3.00 |
| B- | 2.70 |
| B+ | 3.33 |
| C | 2.50 |

| StudentIDSK | CourseIDSK | GradeSK |
|---|---|---|
| 1 | INFO5100 | A |
| 1 | INFO6210 | A- |
| 1 | INFO7370 | |
| 2 | INFO5100 | A- |
| 2 | INFO6105 | A- |
| 3 | INFO5100 | A |

count dim courses

## 27
Count of Dim_Course

## Count of StudentIDSK by GradeSK

| GradeSK | Count of StudentIDSK |
|---|---|
| A | 6 |
| A- | 6 |
| (Blank) | 2 |
| B | 2 |
| B- | 2 |
| B+ | 2 |
| NA | 1 |