Data Science Roles and Responsibilities Matrix

David D Berberena

Bellevue University

DSC 500 Introduction to Data Science

Nasheb Ismaily

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| --- | --- | --- | --- | --- | --- |
| ROLES/SKILLS | dATA SCIENTIST | DATA ARCHITECT | DATA ANALYST | DATA ENGINEER | DATABASE ADMINISTRATOR |
| Python Programming |  |  |  |  |  |
| data governance |  |  |  |  |  |
| data visualization |  |  |  |  |  |
| data modeling |  |  |  |  |  |
| SQL usage |  |  |  |  |  |
| r programming |  |  |  |  |  |
| Communication Skills |  |  |  |  |  |
| Data warehousing |  |  |  |  |  |
| machine Learning |  |  |  |  |  |
| Big data platforms |  |  |  |  |  |