

Module 1 Data Warehouse Concepts and Architectures

Lesson 7: Employment opportunities



Lesson Objective

- Gain awareness about employment opportunities
- Develop a career strategy





Employment Opportunities

DW Analyst

- Recommend technology solutions
- Define user interfaces
- Collaborate with business analysts and DW managers

DW Manager

- Design, develop, and maintain data warehouses
- Ensure conformance to enterprise standards
- Develop and implement data integration procedures

BI Analyst

- Develop data analysis and reporting solutions
- Mine and analyze data from multiple sources
- Communicate results to management
- Prepare data (reduction and missing values)

Data Analyst

- Document data elements
- Use reporting tools
- Collaborate with business analysts and data architects
- Develop data extraction procedures





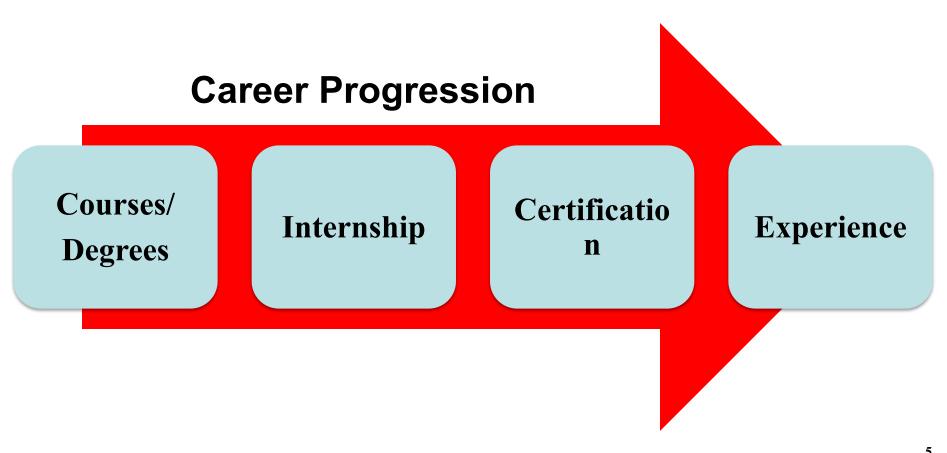
Skill-Position Mapping

Competency	Position			
	DW Manager	DW Analyst	BI Analyst	
Communication				
Data cube tools				
Dashboards				
Data mining				
Data integration tools				
DW schema design				
Performance analysis				
Quantitative modeling				
SQL extensions				



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Competency Acquisition







Salary Percentiles (USA) in 2018

Job Title	25 th Percentile	Midpoint	75 th Percentile
DB manager	\$107,000	\$127,000	\$152,250
DB developer	\$97,950	\$116,000	\$139,000
Data analyst	\$81,000	\$96,000	\$115,000
DW manager/architect	\$110,00	\$130,000	\$156,000
DW analyst	\$75,250	\$93,500	\$117,000
BI analyst	\$83,750	\$104,000	\$130,250



Salary Percentiles (Canada) in 2018

Job Title	25 th Percentile	Midpoint	75 th Percentile
DB manager	\$95,250	\$120,000	\$143,500
DB developer	\$93,550	\$104,000	\$130,000
Data analyst	\$55,250	\$62,500	\$83,250
DW manager/architect	\$95,750	\$115,000	\$137,750
DW analyst	\$71,500	\$90,000	\$113,250
BI analyst	\$73,250	\$93,500	\$107,250





Summary

- Positions
- Skill requirements and acquisition
- Salary trends

