

7) Find the average price and length of articles per author gender. Order the results by gender.\

```
3 •   SELECT AuthorGender, AVG(Price), AVG(Length)
4     FROM articles
5     GROUP BY AuthorGender
6     ORDER BY AuthorGender;
7
8 •   SELECT students.StudentName, CourseNumber, stud
```

AuthorGender	Avg(Price)	Avg(Length)
NULL	66.66666666666667	300.0000
F	7.160740740740743	47.4074
M	5.8977777777777777	29.2444

8) Find all male students registered for DAT 121 or FIN 411. List the student's name, Course number, Degree, and GPA.

```
8 •   SELECT students.StudentName, CourseNumber, students.Degree, students.GPA
9     FROM students join enrollments
10    ON students.StudentName = enrollments.StudentName
11   WHERE students.Gender = "M" AND ( enrollments.CourseNumber = 'DAT 121' OR enrollments.CourseNumber = 'FIN 411' );
```

StudentName	CourseNumber	Degree	GPA
Rodrigo Sargent	DAT 121	BSBA	3.55
Vijay Fenton	DAT 121	BSBA	3.56
Mekhi Sinclair	DAT 121	NULL	3.69
Jarred Tang	FIN 411	BSBA	3.72

9) List all the courses in which physical articles are required. Also include the course name, number, faculty name, and discipline. Sort the results by course number.

```
13 •   SELECT courses.Name, courses.CourseNumber, courses.FacultyName, courses.Discipline
14     FROM coursepacks inner join courses
15    ON coursepacks.CourseNumber = courses.CourseNumber
16   WHERE coursepacks.Required = 'Required' AND Format = 'Physical'
17   ORDER BY CourseNumber;
```

Name	CourseNumber	FacultyName	Discipline
Analytics and Modelling for Business Decisions	DAT 200	Bert Burgess	Data Analytics
Capital Markets and Financial Management	FIN 370	Andrew Greer	Finance
Introduction to Social Entrepreneurship	MGT 434	Kelly Miller	Management
Taylor Community Consulting Program	MGT 468	Deangelo Brandt	Management
Business Planning for New Enterprises	MGT 490	Mindy Myers	Management
Decisions: Data and Values	MGT 586	NULL	Management
International Marketing	MKT 432	NULL	Marketing
Digital Marketing	MKT 520	Deangelo Brandt	Marketing
Analytics-Driven Brand Management	MKT 555	Deangelo Brandt	Marketing
Marketing Research Analytics	MKT 580	Deangelo Brandt	Marketing

10) List the names of the courses that are not required and enrolled in July. Include in the answer the program, discipline, and sections. Sort the result by course name.

```
19 •    SELECT courses.Name, courses.Program, courses.Discipline, courses.Sections  
20      FROM courses inner join enrollments  
21        ON courses.CourseNumber = enrollments.CourseNumber  
22      WHERE MONTH( enrollments.EnrollmentDate ) = 7 AND Required = 'N'  
23      ORDER BY courses.Name;
```

Result Grid				
	Name	Program	Discipline	Sections
▶	A/B Testing in Business and Social Science	MSBA	Data Analytics	4
	Analytics-Driven Brand Management	MSBA	Marketing	2
	Capital Markets and Financial Management	BSBA	Finance	3
	Data Visualization	MSBA	NULL	5
	Foundations of Business	BSBA	Management	5
	Intro to Python and Data Science	MSBA	NULL	3
	Managerial Statistics I	BSBA	Data Analytics	6
	Mergers and Acquisitions	BSBA	Finance	3
	Predictive Analytics for Business Decision-Making	MSBA	Data Analytics	3
	Predictive Analytics for Business Decision-Making	MSBA	Data Analytics	3
	Venture Capital Methods	BSBA	NULL	3

11) List articles published by Spotlight. Also, Include the article title, author, discipline, price, and related course number. Sort the results by price.

```
25 •    SELECT articles.title, articles.Author, articles.Discipline, articles.Price, coursepacks.CourseNumber  
26      FROM articles inner join coursepacks  
27        ON articles.ArticleNumber = coursepacks.ArticleNumber  
28      WHERE Publisher = 'Spotlight'  
29      ORDER BY Price;
```

Result Grid					
	title	Author	Discipline	Price	CourseNumber
▶	The Truths About IT Costs	Susan Cramm	Data Analytics	4.25	DAT 200
	Business Applications for Quantum Computing	Roger Melko	Data Analytics	4.25	DAT 560
	WestJet Airlines: Information Technology Gover...	Sharaz Khan	Management	4.25	MGT 150
	Ryanair Holdings plc	Mark T. Bradshaw	Accounting	5.12	ACCT 262
	A Better Way to Put Your Data to Work	Kayvaun Rowshankish	Data Analytics	7.46	DAT 200
	A Better Way to Put Your Data to Work	Kayvaun Rowshankish	Data Analytics	7.46	MGT 586
	A Better Way to Put Your Data to Work	Kayvaun Rowshankish	Data Analytics	7.46	DAT 501
	A Better Way to Put Your Data to Work	Kayvaun Rowshankish	Data Analytics	7.46	SCOT 550
	Three-Dimensional (3D) Printing: Jolts on Supply...	Yihong Yao	Supply Chain	7.46	SCOT 500

12) List the case articles that are recommended in physical format. List the article number, title, price, and publisher.

```
31 •  SELECT articles.ArticleNumber, articles.Title, articles.Price, articles.Publisher
32      FROM articles inner join coursepacks
33      ON articles.ArticleNumber = coursepacks.ArticleNumber
34      WHERE articles.Format = 'Case' AND coursepacks.Format = 'Physical' AND Required = "Recommended";
```

Result Grid				
	ArticleNumber	Title	Price	Publisher
▶	649002	Carly's Car Clinic	4.25	Unisource Worldwide Inc
	649026	WestJet Airlines: Information Technology Gover...	4.25	Spotlight
	649029	TOTO: The Bottom Line	4.25	Creative Bridals
	648735	Target the Right Market	4.25	Harvard Business Review

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