

University: Fayoum
Faculty: Computers and Information
Department: Information Systems

Course Report: for Academic Year 2015/2016

A- Basic Information

1. Title and code: Data Mining (INF 489)

2. Programme(s) on which this course is given: INF

3. Year/ Level of programmes: Fourth Year

4. Units/Credit hours: 3

Lectures: 3 Tutorial/Practical: 2 Total: 5

5. Names of lecturers contributing to the delivery of the course

i Amira Mohamed Idrees

Course co-ordinator

External evaluator

B- Statistical Information

No. of students attending the course: No. 41 %

No. of students completing the course: No. 41 %

Results:

Passed: No. 41 % Failed: 0 No. %

Grading of successful students:

Excellent: No. 16 % Very Good: No. 14 %

Good: No. 6 % Pass: 5 No. %

C- Professional Information

1 – Course teaching

W	Topics actually taught	No. of hours	Lecturer
	1. Knowledge Discovery Process	6	
	2. Pre-processing Techniques	3	
	3. Finding association rules	6	
	4. Market basket analysis, rules, frequent item sets, A Priori algorithm, scalability	6	
	5. Classification Techniques	3	
	6. Fields of Application of Data Mining	3	
	7. Similarity Techniques	3	
	8. Data warehousing	3	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: PowerPoint, Discussion

Practical training/ laboratory: Project Management

Seminar/Workshop:

Class activity: Discussion, PowerPoint

Case Study: Applying each topic to a real life example with discussion during the lecture

Other assignments/homework: Search for different topics

If teaching and learning methods were used other than those specified, list and give reasons:

PowerPoint and discussion for lectures

Practical discussion through a project management project

Research for enriching students' knowledge

Activities for applying the concepts in a real life problems

3- Student assessment:

Method of assessment

Percentage of total

Written examination
Oral examination
Practical/laboratory work
Other assignments/class work
Total 100%
Members of examination committee

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Role of external evaluator

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4- Facilities and teaching materials:

Totally adequate
Adequate to some extent
Inadequate

List any inadequacies

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5- Administrative constraints

List any difficulties encountered

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6- Student evaluation of the course: Response of course team

List any criticisms

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7- Comments from external evaluator(s): Response of course team

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8- Course enhancement:

Progress on actions identified in the previous year's action plan:

Action State whether or not completed and give reasons for any non-completion

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9- Action plan for academic year 200X – 200Y

Actions required	Completion date	Person responsible
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Course coordinator:

Signature:

Date: / /