The image features decorative molecular patterns in the corners, composed of dark blue and light blue spheres connected by lines, resembling a network or data structure. The central text is set against a background of light gray rounded squares.

# QUANT

DATA & ANALYTICS

WHERE DATA MEETS SCIENCE

# Outline

- Introduction
- Tasks & Gantt Chart
- Working time calendar
- Assign Resources
- Reports
- Conclusion



# Introduction

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In an age of Big Data, Machine Learning, and Internet of Things, data science and data analysis presents unlimited opportunities for aspiring businesses and dynamic governments that aim to become data-driven. In order to provide services, products, data analytics, and business intelligence.



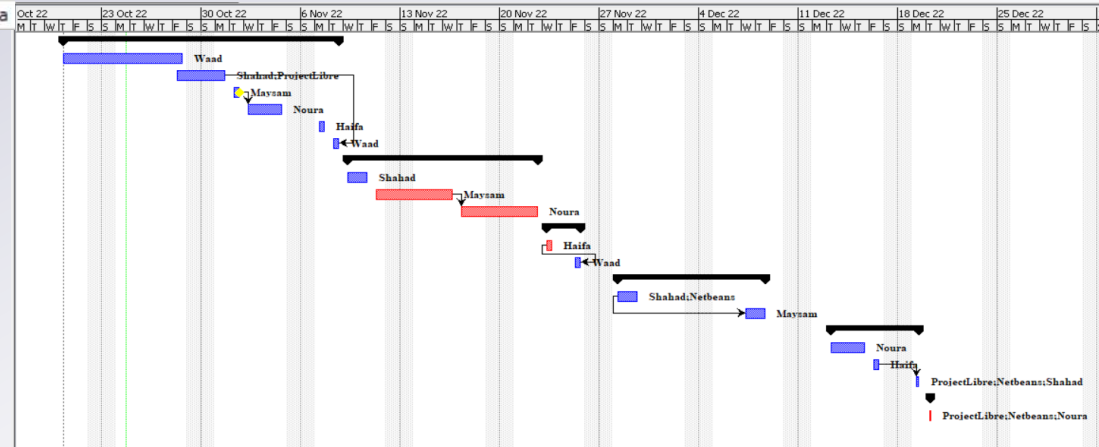
# Who are we?

- +
  - 
  -
- Quant Data & Analytics was established in August 2015, making it one of the first local data science consultant firms.



# Tasks & Gantt Chart

		Name	Duration	Start	Finish	Predecessors	Resource Names
1		☐ Requirement analysis	14 days?	10/20/22 8:00 AM	11/8/22 5:00 PM		
2		market research	7 days?	10/20/22 8:00 AM	10/28/22 5:00 PM		Waad
3		cost analysis	2 days?	10/28/22 8:00 AM	10/31/22 5:00 PM		Shahad;ProjectLibre
4		feature list	1 day?	11/1/22 8:00 AM	11/1/22 5:00 PM		Maysam
5		GUI feature list	3 days?	11/2/22 8:00 AM	11/4/22 5:00 PM	4	Noura
6		brainstorming	1 day?	11/5/22 8:00 AM	11/7/22 5:00 PM		Haifa
7		identify resources	1 day?	11/8/22 8:00 AM	11/8/22 5:00 PM	3FF	Waad
8		☐ Design	10 days?	11/9/22 8:00 AM	11/22/22 5:00 PM		
9		feature prioritization	2 days?	11/9/22 8:00 AM	11/10/22 5:00 PM		Shahad
10		architecture definition	4 days	11/11/22 8:00 AM	11/16/22 5:00 PM		Maysam
11		GUI desgin	4 days	11/17/22 8:00 AM	11/22/22 5:00 PM	10	Noura
12		☐ meeting	3 days?	11/23/22 8:00 AM	11/25/22 5:00 PM		
13		meeting1	1 day?	11/23/22 8:00 AM	11/23/22 5:00 PM		Haifa
14		meeting2	1 day?	11/25/22 8:00 AM	11/25/22 5:00 PM	13SF	Waad
15		☐ Implementation	9 days?	11/28/22 8:00 AM	12/8/22 5:00 PM		
16		coding module	2 days?	11/28/22 8:00 AM	11/29/22 5:00 PM		Shahad;Netbeans
17		debugging	2 days?	12/7/22 8:00 AM	12/8/22 5:00 PM	16SS	Maysam
18		☐ Testing	4.5 days?	12/13/22 8:00 AM	12/19/22 1:00 PM		
19		unit testing	3 days?	12/13/22 8:00 AM	12/15/22 5:00 PM		Noura
20		integreatin testing	1 day?	12/16/22 8:00 AM	12/16/22 5:00 PM		Haifa
21		system testing	0.5 days?	12/19/22 8:00 AM	12/19/22 1:00 PM	20	ProjectLibre;Netbeans;Shahad
22		☐ deployment	0.083 days	12/20/22 8:00 AM	12/20/22 8:40 AM		
23		project release	0.083 days	12/20/22 8:00 AM	12/20/22 8:40 AM		ProjectLibre;Netbeans;Noura



# constraints



Task Information - 11

General Predecessors Successors Resources Advanced Notes

Name: GUI desgin

WBS:  ☐ Display task as milestone

Constraints

Constraint Type: Start No Later Than Constraint Date: 11/17/22 8:00 AM

Deadline:

Type: Fixed Units ☒ Effort Driven

Task Calendar:  ☐ Ignore Resource Calendar

Earned Value Method: % Complete

Close Help

Task Information - 23

General Predecessors Successors Resources Advanced Notes

Name: project release

WBS:  ☐ Display task as milestone

Constraints

Constraint Type: As Soon As Possible Constraint Date:

Deadline:

Type: Fixed Units ☒ Effort Driven

Task Calendar:  ☐ Ignore Resource Calendar

Earned Value Method: % Complete

Close Help

Task Information - 13

General Predecessors Successors Resources Advanced Notes

Name: meeting1

WBS:  ☐ Display task as milestone

Constraints

Constraint Type: Must Start On Constraint Date: 11/23/22 8:00 AM

Deadline:

Type: Fixed Units ☒ Effort Driven


Task Calendar:  ☐ Ignore Resource Calendar

Earned Value Method: % Complete

Close Help



# Resource list

		Name	RBS	Type	E-mail Address	Material Label	Initials	Group	
1		Waad		Work	Waad@gmail.com		W	Analyst	
2		Shahad		Work	Shahad@gmail.com		S	Analyst	
3		Maysam		Work	Maysam@gmail.com		M	Implementer	
4		Noura		Work	Noura@gmail.com		N	Implementer	
5		Haifa		Work	Haifa@gmail.com		H	Implementer	
6		ProjectLibre		Material			P		
7		Netbeans		Material			N		
Max. Units		Standard Rate		Overtime Rate		Cost Per Use		Accrue At	Base Calendar
100%		\$100.00/hour		\$50.00/hour		\$0.00		Prorated	Calendar1
100%		\$100.00/hour		\$50.00/hour		\$0.00		Prorated	Calendar1
100%		\$100.00/hour		\$50.00/hour		\$0.00		Prorated	Calendar1
100%		\$100.00/hour		\$50.00/hour		\$0.00		Prorated	Calendar2
100%		\$100.00/hour		\$50.00/hour		\$0.00		Prorated	Calendar2
		\$0.00				\$0.00		Prorated	
		\$0.00				\$0.00		Prorated	

# Working time calendar

Change Working Calendar

From: Calendar1

☐ Use default  
☐ Non-working time  
☒ Non-default working time

From: 8:00 To: 12:00  
13:00 17:00

October 2022 November 2022

S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1		1	2	3	4	5	
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30			
30	31												

December 2022 January 2023

S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	2	3	4	5	6	7	
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30	31				

New... Options... OK Cancel Help

Change Working Calendar

From: Calendar2

☐ Use default  
☐ Non-working time  
☒ Non-default working time

From: 7:00 To: 13:00

October 2022 November 2022

S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1		1	2	3	4	5	
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30			
30	31												

December 2022 January 2023

S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	2	3	4	5	6	7	
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30	31				

New... Options... OK Cancel Help



# Assign Resources

Task Information - 2

General Predecessors Successors Resources Advanced Notes

Name: market research

Resources:

Name	Work	Work Contour	Assignment
Waad	55 hours Flat		0 days

Task Information - 2

General Predecessors Successors Resources Advanced Notes

Name: market research

Resources:

Name	Work	Work Contour	Assignment
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Views		Clipboard		Resource					
		Name	RBS	Type	E-mail Address	Material Label	Initials	Group	Max. Units
1		Waad		Work	Waad@gmail.com		W	Analyst	
2		Shahad		Work	Shahad@gmail.com		S	Analyst	
3		Maysam		Work	Maysam@gmail.com		M	Implementer	
4		Noura		Work	Noura@gmail.com		N	Implementer	
5		Haifa		Work	Haifa@gmail.com		H	Implementer	
6		ProjectLibre		Material			P		
7		Netbeans		Material			N		

	Initials	Group	Max. Units	Standard Rate	Overtime Rate	Cost Per Use	Accrue At	Base Calendar
1	W	Analyst	100%	\$100.00/hour	\$50.00/hour	\$0.00	Prorated	Calendar1
2	S	Analyst	100%	\$100.00/hour	\$50.00/hour	\$0.00	Prorated	Calendar1
3	M	Implementer	100%	\$100.00/hour	\$50.00/hour	\$0.00	Prorated	Calendar1
4	N	Implementer	100%	\$100.00/hour	\$50.00/hour	\$0.00	Prorated	Calendar2
5	H	Implementer	100%	\$100.00/hour	\$50.00/hour	\$0.00	Prorated	Calendar2
6	P			\$0.00		\$0.00	Prorated	
7	N			\$0.00		\$0.00	Prorated	

# Project Reports

- Who Does What Report
- Resource Information report



# Who Does What Report

## Who Does What

Resource ID	Resource					
1	Waad					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
14	meeting2	8 hours	100%	0 days	11/25/22 8:00 AM	11/28/22 5:00 PM
2	market research	56 hours	100%	0 days	10/20/22 8:00 AM	11/2/22 8:00 AM
7	identify resources	8 hours	100%	0 days	11/8/22 8:00 AM	11/9/22 8:00 AM
		72 hours				
2	Shahad					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
3	cost analysis	16 hours	100%	0 days	10/28/22 8:00 AM	11/1/22 5:00 PM
21	system testing	4 hours	100%	0 days	12/20/22 8:00 AM	12/20/22 2:00 PM
16	coding module	16 hours	100%	0 days	11/28/22 8:00 AM	11/30/22 8:00 AM
9	feature prioritization	16 hours	100%	0 days	11/9/22 8:00 AM	11/14/22 8:00 AM
		52 hours				
3	Maysam					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
4	feature list	8 hours	100%	0 days	11/1/22 8:00 AM	11/2/22 8:00 AM
17	debugging	16 hours	100%	0 days	12/7/22 8:00 AM	12/8/22 5:00 PM
10	architecture definition	32 hours	100%	0 days	11/11/22 8:00 AM	11/17/22 5:00 PM
		56 hours				
4	Noura					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
23	project release	0.667 hours	100%	0 days	12/20/22 8:00 AM	12/20/22 8:40 AM

Page 1

Resource ID	Resource	Work	Assignment Units	Assignment	Start	Finish
5	GUI feature list	24 hours	100%	0 days	11/2/22 8:00 AM	11/8/22 1:00 PM
11	GUI design	32 hours	100%	0 days	11/18/22 8:00 AM	11/28/22 3:00 PM
19	unit testing	24 hours	100%	0 days	12/13/22 8:00 AM	12/19/22 2:00 PM
		80.667 hours				
5	Haifa					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
6	brainstorming	8 hours	100%	0 days	11/5/22 8:00 AM	11/7/22 5:00 PM
20	integration testing	8 hours	100%	0 days	12/16/22 8:00 AM	12/19/22 5:00 PM
13	meeting1	8 hours	100%	0 days	11/23/22 8:00 AM	11/24/22 1:00 PM
		24 hours				
6	ProjectLibre					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
23	project release	1	100%	0 days	12/20/22 8:00 AM	12/20/22 8:40 AM
21	system testing	1	100%	0 days	12/20/22 8:00 AM	12/20/22 1:00 PM
3	cost analysis	1	100%	0 days	10/28/22 8:00 AM	10/31/22 5:00 PM
		0 hours				
7	Netbeans					
Task ID	Task	Work	Assignment Units	Assignment	Start	Finish
21	system testing	1	100%	0 days	12/20/22 8:00 AM	12/20/22 1:00 PM
23	project release	1	100%	0 days	12/20/22 8:00 AM	12/20/22 8:40 AM
16	coding module	1	100%	0 days	11/28/22 8:00 AM	11/29/22 5:00 PM
		0 hours				

Page 2



# Resource Information Report

## Resource Information

ID	Name	RBS	Type	E-mail Address	Material Label
1	Waad		Work	Waad@gmail.com	
2	Shahad		Work	Shahad@gmail.com	
3	Maysam		Work	Maysam@gmail.com	
4	Noura		Work	Noura@gmail.com	
5	Haifa		Work	Haifa@gmail.com	
6	ProjectLibre		Material		
7	Netbeans		Material		





Conclusion