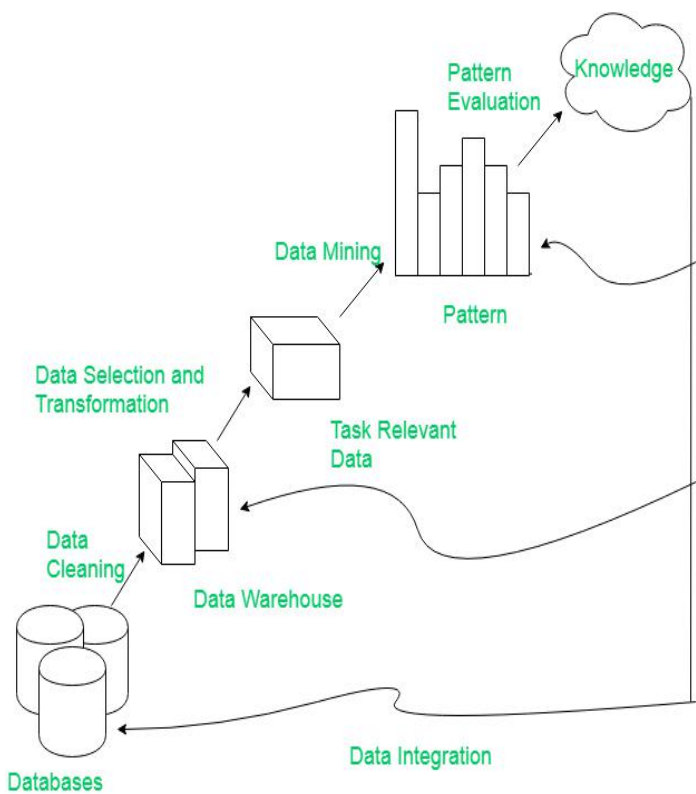


Data Pre-processing

Data Mining

Data Evaluation & Presentation

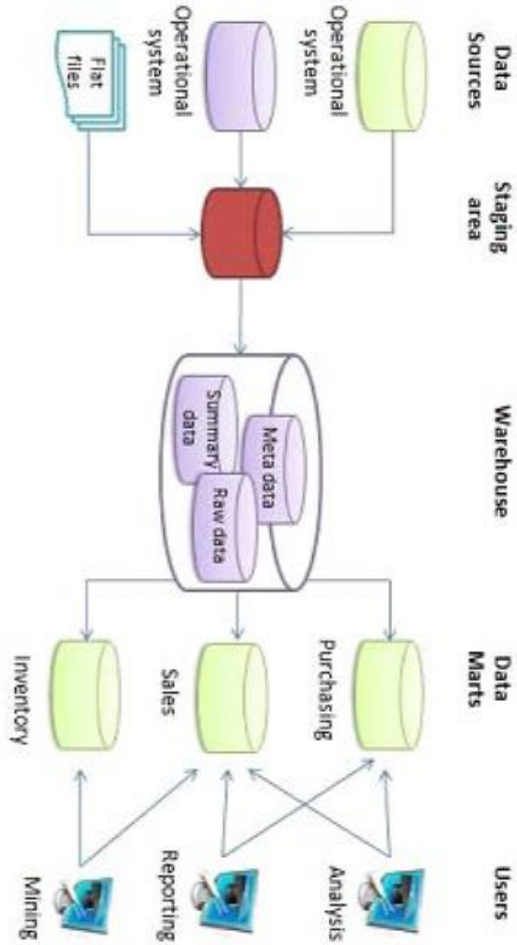
Day	Outlook	Temperature	Humidity	Wind	Play Tennis
1	Sunny	Hot	High	Weak	No
2	Sunny	Hot	High	Strong	No
3	Overcast	Hot	High	Weak	Yes
4	Rain	Mild	High	Weak	Yes
5	Rain	Cool	Normal	Weak	Yes
6	Rain	Cool	Normal	Strong	No
7	Overcast	Cool	Normal	Strong	Yes
8	Sunny	Mild	High	Weak	No
9	Sunny	Cool	Normal	Weak	Yes
10	Rain	Mild	Normal	Weak	Yes
11	Sunny	Mild	Normal	Strong	Yes
12	Overcast	Mild	High	Strong	Yes
13	Overcast	Hot	Normal	Weak	Yes
14	Rain	Mild	High	Strong	No



Data mining techniques

- Classification
- Clustering
- Regression
- Outer

- Sequential Patterns
- Prediction
- Association Rules



DATA MINING & WAREHOUSING PRACTICAL LAB



Department of Computer engineering

Submitted by:

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Roll no: 11701315

Class: 4CE-6

Semester: 7th

Submitted to:

Dr. Gaurav Gupta

```
C:\Program Files\apache-cassandra-3.11.4\bin>cassandra
WARNING! Powershell script execution unavailable.
Please use 'powershell Set-ExecutionPolicy Unrestricted'
on this user-account to run cassandra with fully featured
functionality on this platform.
Starting with legacy startup options
JAVA_HOME environment variable must be set!
Press any key to continue . . .
```

Գրքի հեղինակը համարում է, որ իր գրքի միջոցով ներկայացված տեղեկությունները չեն պարզապես փոխանցվում ընդերքի հետազոտողներին, այլ նախ և առաջ հանդիսանում են իրենց հեղինակի կողմից ընդհանուր առմամբ արված հետազոտությունների արդյունքների փոխանցումը հետազոտողներին։

```
C:\Program Files\apache-cassandra-3.11.4\bin>cqlsh


WARNING: console codepage must be set to cp65001 to support utf-8 encoding on Windows platforms.
If you experience encoding problems, change your console codepage with 'chcp 65001' before starting cqlsh.

Connected to Test Cluster at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 3.11.4 | CQL spec 3.4.4 | Native protocol v4]
Use HELP for help.

WARNING: pyreadline dependency missing. Install to enable tab completion.
```

```
@echo off
if "%OS%" == "Windows_NT" setlocal

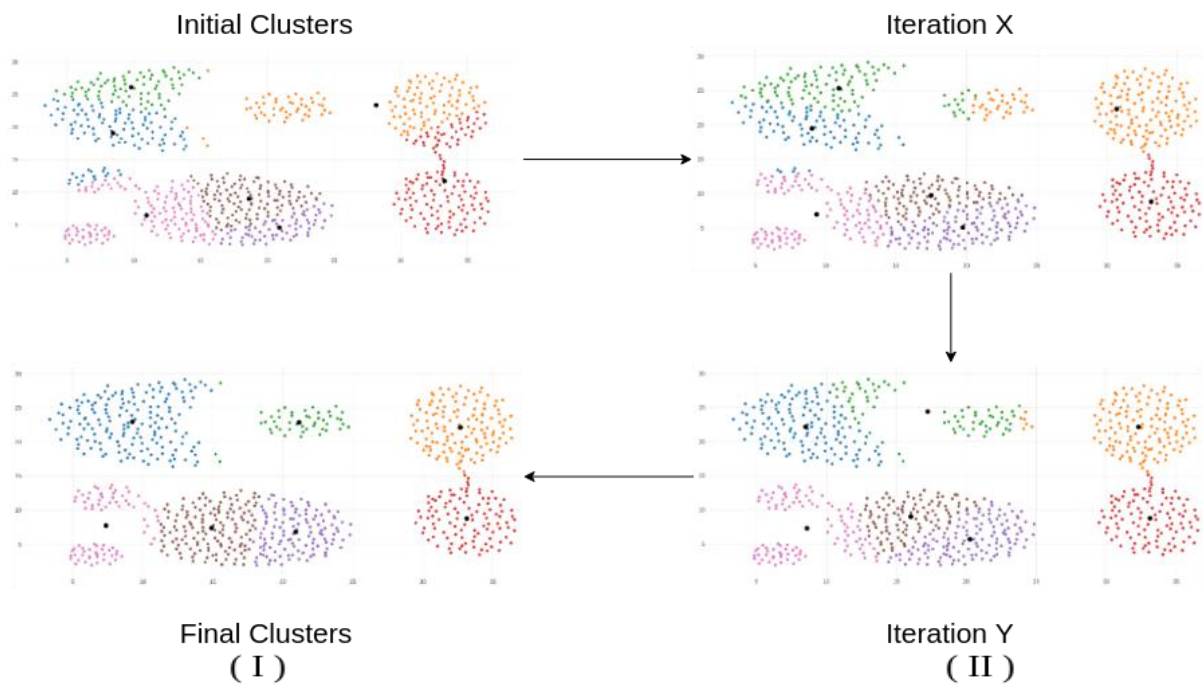
set ARG=%1
set INSTALL="INSTALL"
set UNINSTALL="UNINSTALL"
set JAVA_HOME="C:\Program\Java\jdk1.8.0_181"
```



Variable name: JAVA_HOME

Variable value: C:\Progra~1\Java\jdk1.8.0_181

Browse Directory... Browse File... OK Cancel



V1	V2	MDCluster
15.9	4.0	6
15.6	4.75	6
15.55	5.05	6
15.35	5.5	6
15.15	5.95	6
15.5	6.75	6
15.7	6.35	5
16.2	5.9	5
16.35	5.35	5
16.2	4.55	5
16.55	4.2	5
16.95	4.75	5
17.05	5.1	5
17.3	4.8	5

V1	V2	MDCluster
15.9	4.0	4
15.6	4.75	4
15.55	5.05	4
15.35	5.5	4
15.15	5.95	5
15.5	6.75	5
15.7	6.35	5
16.2	5.9	4
16.35	5.35	4
16.2	4.55	4
16.55	4.2	4
16.95	4.75	4
17.05	5.1	4
17.3	4.8	4

V1	V2	MDCluster
15.9	4.0	4
15.6	4.75	5
15.55	5.05	5
15.35	5.5	5
15.15	5.95	5
15.5	6.75	5
15.7	6.35	5
16.2	5.9	5
16.35	5.35	4
16.2	4.55	4
16.55	4.2	4
16.95	4.75	4
17.05	5.1	4
17.3	4.8	4

V1	V2	MDCluster
15.9	4.0	5
15.6	4.75	5
15.55	5.05	5
15.35	5.5	5
15.15	5.95	5
15.5	6.75	5
15.7	6.35	5
16.2	5.9	5
16.35	5.35	5
16.2	4.55	5
16.55	4.2	5
16.95	4.75	5
17.05	5.1	5
17.3	4.8	5

(IV)

(III)