SQL-Mongo Project – Spatial Data of US Wildfires

BUAN 6320

Group Members

Group #:

Activity	**Member 1**	**Member 2**	**Member 3**	**Member 4**
Prepared Data Model and Created Physical DB	x			
Loaded Data into Database		x		
Wrote SQL Queries		x		
Prepared Mongo Database			x	
Loaded data into Mongo DB			x	
Wrote Mongo Queries				x
Prepared Report			x	x
Reviewed Report	x	x		

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Data Model

Assumptions/Notes About Data Entities and Relationships

Include assumptions about data entities and their relationships with each other.

Include reasons why the data model is in 3NF.

Entity-Relationship Diagram

Physical Database

Assumptions/Notes About Data Set

Include any assumptions made about data such as empty fields, sparse data, bad data, etc.

Screen shot of Physical Database objects

Data in the Database

Table Name	Primary Key	Foreign Key	# of Rows in Table

SQL Queries

Query 1

Question

Notes/Comments About SQL Query and Results (Include # of Rows in Result)

Translation

Screen Shot of SQL Query and Results

Query 2

Question

Notes/Comments About SQL Query and Results (Include # of Rows in Result)

Translation

Screen Shot of SQL Query and Results

Query 3

Question

Notes/Comments About SQL Query and Results (Include # of Rows in Result)

Translation

Screen Shot of SQL Query and Results

Query 4

Question

Notes/Comments About SQL Query and Results (Include # of Rows in Result)

Translation

Screen Shot of SQL Query and Results

Query 5

Question

Notes/Comments About SQL Query and Results (Include # of Rows in Result)

Translation

Screen Shot of SQL Query and Results

Query 6

Question

Notes/Comments About SQL Query and Results (Include # of Rows in Result)

Translation

Screen Shot of SQL Query and Results

Data Review for MongoDB

Assumptions/Notes About Data Collections, Attributes and Relationships between Collections

Physical Mongo Database

Assumptions/Notes About Data Set

Screen shot of Physical Database objects (Database, Collections and Attributes)

Data in the Database

Collection Name	Relationshps With Other Collections (if any)	# of Documents in Collection

MongoDB Queries/Code

Query 1

Question

Notes/Comments About MongoDB Query/Code and Results (Include # of Documents in Result)

Translation

Screen Shot of MongoDB Query/Code and Results

Query 2

Question

Notes/Comments About MongoDB Query/Code and Results (Include # of Documents in Result)

Translation

Screen Shot of MongoDB Query/Code and Results

Query 3

Question

Notes/Comments About MongoDB Query/Code and Results (Include # of Documents in Result)

Translation

Screen Shot of MongoDB Query/Code and Results

Query 4

Question

Notes/Comments About MongoDB Query/Code and Results (Include # of Documents in Result)

Translation

Screen Shot of MongoDB Query/Code and Results

Query 5

Question

Notes/Comments About MongoDB Query/Code and Results (Include # of Documents in Result)

Translation

Screen Shot of MongoDB Query/Code and Results

Query 6

Question

Notes/Comments About MongoDB Query/Code and Results (Include # of Documents in Result)

Translation

Screen Shot of MongoDB Query/Code and Results