Dimensional Model Diagram:

ProposedEndDate_AkhilaA
- DateKey INT
- Date DATE
- CalendarYear INT
- CalendarQuarter TINYINT
- CalendarMonth TINYINT
- Holiday TINYINT(1)
- WeekDay TINYINT
- DayOfMonth TINYINT
- DayOfYear SMALLINT
- WeekOfMonth TINYINT
- WeekOfYear TINYINT
- Indexes

DimensionProject_AkhilaA
- ProjectKey INT
- ProjectTitle VARCHAR(255)
- Description TEXT
- Budget DECIMAL(10,2)
- ExperienceLevelRequired INT
- LocationRequired VARCHAR(100)
- SkillsRequired TEXT
- ProjectStatus VARCHAR(45)
- PostedDate DATETIME
- Indexes

DimensionTime_AkhilaA
- DateKey INT
- Date DATE
- CalendarYear INT
- CalendarQuarter TINYINT
- CalendarMonth TINYINT
- Holiday TINYINT(1)
- WeekDay TINYINT
- DayOfMonth TINYINT
- DayOfYear SMALLINT
- WeekOfMonth TINYINT
- WeekOfYear TINYINT
- Indexes

BidDate_AkhilaA
- DateKey INT
- Date DATE
- CalendarYear INT
- CalendarQuarter TINYINT
- CalendarMonth TINYINT
- Holiday TINYINT(1)
- WeekDay TINYINT
- DayOfMonth TINYINT
- DayOfYear SMALLINT
- WeekOfMonth TINYINT
- 1 more...
- Indexes

FactTransactions_AkhilaA
- TransactionAmount DECIMAL(10,2)
- DimensionBidDate_AkhilaA_DateKey INT
- DimensionProposedEndDate_AkhilaA_DateKey INT
- DimensionProposedStartDate_AkhilaA_DateKey INT
- DimensionProject_AkhilaA_ProjectKey INT
- DimensionFreelancer_AkhilaA_FreelancerKey INT
- Indexes

FactReviews_AkhilaA
- ReviewRating DECIMAL(10,2)
- ReviewComment TEXT
- DimensionClient_AkhilaA_ClientKey INT
- DimensionProject_AkhilaA_ProjectKey INT
- DimensionFreelancer_AkhilaA_FreelancerKey INT
- DimensionTime_AkhilaA_DateKey INT
- Indexes

DimensionFreelancer_AkhilaA
- FreelancerKey INT
- FreelancerFirstName VARCHAR(45)
- FreelancerLastName VARCHAR(45)
- FreelancerEmailAddress VARCHAR(255)
- FreelancerCountry VARCHAR(45)
- ReceiveEmailUpdates TINYINT
- AcceptedTerms TINYINT
- Skills TEXT
- ExperienceLevel VARCHAR(45)
- HourlyRate DECIMAL(10,2)
- AccountCreatedDate TIMESTAMP
- TotalEarnings DECIMAL(10,2)
- JobsCompleted INT
- JobsCompletionPercentage DECIMAL(5,2)
- TxnEffectiveDate DATE
- TxnEndDate DATE
- ChangeReasonCode VARCHAR(45)
- Indexes

DimensionClient_AkhilaA
- ClientKey INT
- ClientFirstName VARCHAR(45)
- ClientLastName VARCHAR(45)
- ClientEmailAddress VARCHAR(255)
- ClientCountry VARCHAR(255)
- AcceptedTerms TINYINT
- ReceiveEmailUpdates TINYINT
- AccountCreatedDate TIMESTAMP
- TxnEffectiveDate DATE
- TxnEndDate DATE
- ChangeReasonCode VARCHAR(45)
- Indexes

ProposedStartDate_AkhilaA
- DateKey INT
- Date DATE
- CalendarYear INT
- CalendarQuarter TINYINT
- CalendarMonth TINYINT
- Holiday TINYINT(1)
- WeekDay TINYINT
- DayOfMonth TINYINT
- DayOfYear SMALLINT
- WeekOfMonth TINYINT
- WeekOfYear TINYINT
- Indexes
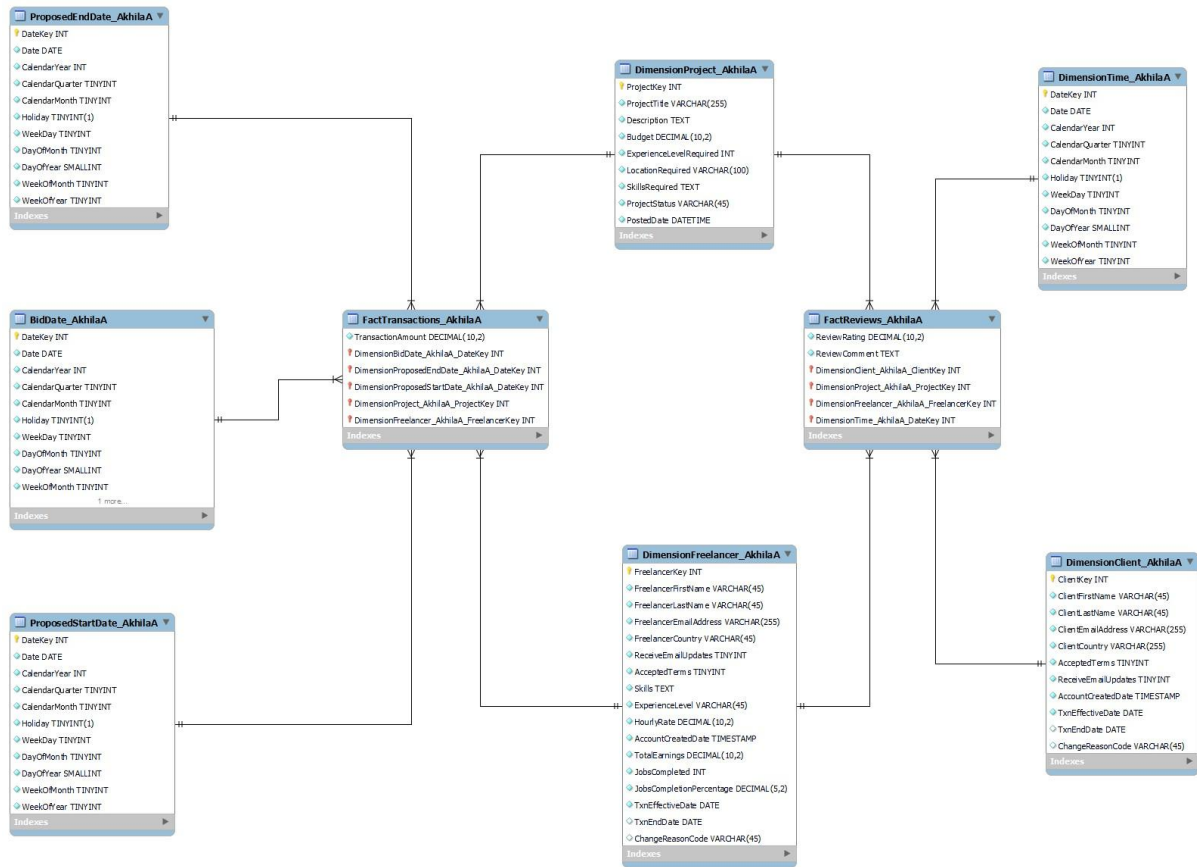
Dimensions:

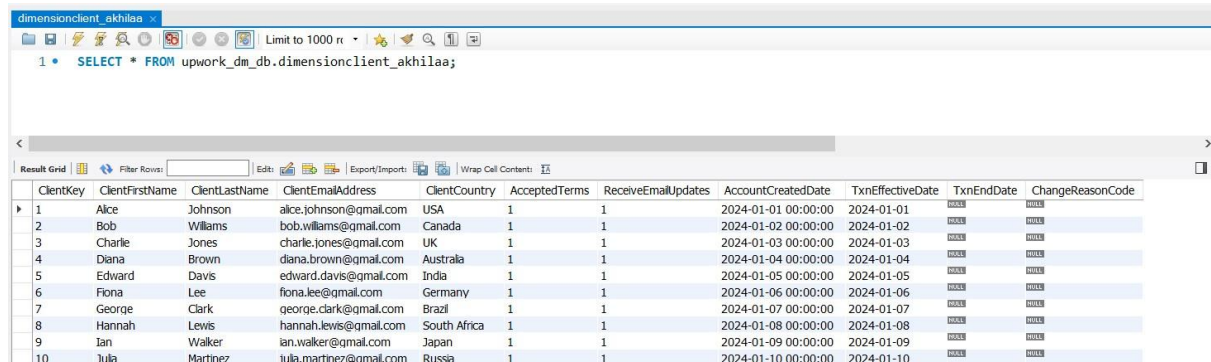DimensionClient_AkhilaA, DimensionFreelancer_AkhilaA, DimensionProject_AkhilaA, DimensionTime_AkhilaA

BidDate_AkhilaA, ProposedStartDate_AkhilaA and ProposedEndDate_AkhilaA are aliases of the Time Dimension.

Facts:

FactTransactions_AkhilaA, FactReviews_AkhilaA

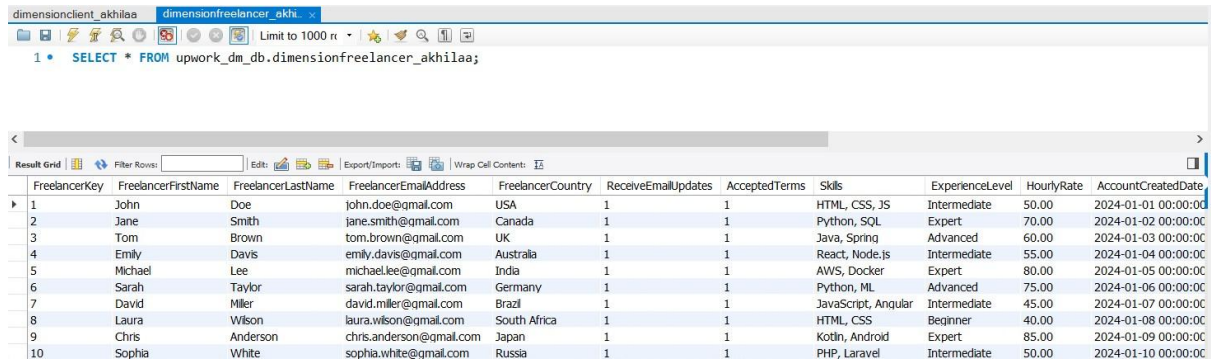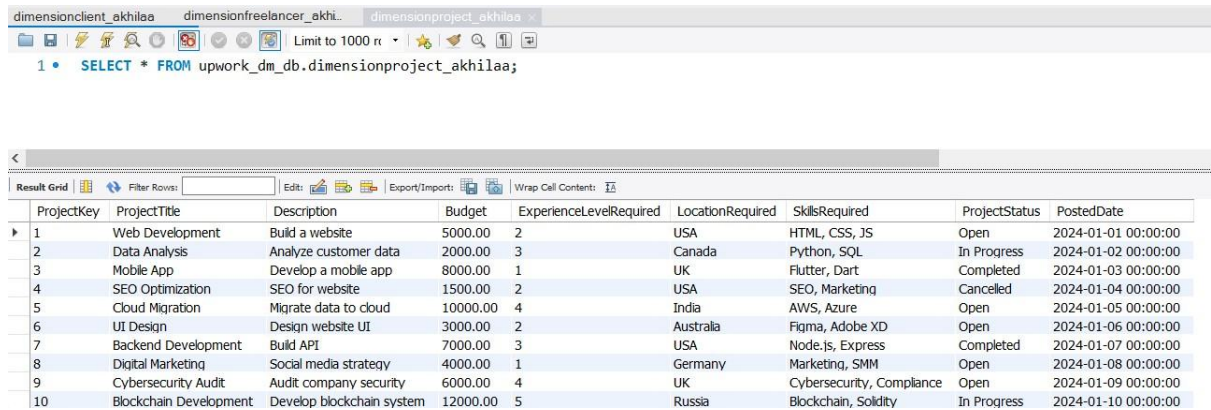Physical Tables with result set:

Table1: DimensionClient_AkhilaA

Table2: DimensionFreelancer_AkhilaA

Table3: DimensionProject_AkhilaA

Table4: DimensionTime_AkhilaA

Table5: BidDate_AkhilaA


```sql
SELECT * FROM upwork_dm_db.biddate_akhilaa;
```

DateKey	Date	CalendarYear	CalendarQuarter	CalendarMonth	Holiday	WeekDay	DayOfMonth	DayOfYear	WeekOfMonth	WeekOfYear
1	2024-01-01	2024	1	1	0	1	1	1	1	1
2	2024-01-02	2024	1	1	0	2	2	2	1	1
3	2024-01-03	2024	1	1	0	3	3	3	1	1
4	2024-01-04	2024	1	1	0	4	4	4	1	1
5	2024-01-05	2024	1	1	0	5	5	5	1	1
6	2024-01-06	2024	1	1	0	6	6	6	1	1
7	2024-01-07	2024	1	1	0	7	7	7	1	1
8	2024-01-08	2024	1	1	0	1	8	8	2	2
9	2024-01-09	2024	1	1	0	2	9	9	2	2
10	2024-01-10	2024	1	1	0	3	10	10	2	2

Table6: ProposedStartDate_AkhilaA


```sql
SELECT * FROM upwork_dm_db.proposedstartdate_akhilaa;
```

DateKey	Date	CalendarYear	CalendarQuarter	CalendarMonth	Holiday	WeekDay	DayOfMonth	DayOfYear	WeekOfMonth	WeekOfYear
1	2024-01-01	2024	1	1	0	1	1	1	1	1
2	2024-01-02	2024	1	1	0	2	2	2	1	1
3	2024-01-03	2024	1	1	0	3	3	3	1	1
4	2024-01-04	2024	1	1	0	4	4	4	1	1
5	2024-01-05	2024	1	1	0	5	5	5	1	1
6	2024-01-06	2024	1	1	0	6	6	6	1	1
7	2024-01-07	2024	1	1	0	7	7	7	1	1
8	2024-01-08	2024	1	1	0	1	8	8	2	2
9	2024-01-09	2024	1	1	0	2	9	9	2	2
10	2024-01-10	2024	1	1	0	3	10	10	2	2

Table7: ProposedEndDate_AkhilaA


```sql
SELECT * FROM upwork_dm_db.proposedenddate_akhilaa;
```

DateKey	Date	CalendarYear	CalendarQuarter	CalendarMonth	Holiday	WeekDay	DayOfMonth	DayOfYear	WeekOfMonth	WeekOfYear
1	2024-01-01	2024	1	1	0	1	1	1	1	1
2	2024-01-02	2024	1	1	0	2	2	2	1	1
3	2024-01-03	2024	1	1	0	3	3	3	1	1
4	2024-01-04	2024	1	1	0	4	4	4	1	1
5	2024-01-05	2024	1	1	0	5	5	5	1	1
6	2024-01-06	2024	1	1	0	6	6	6	1	1
7	2024-01-07	2024	1	1	0	7	7	7	1	1
8	2024-01-08	2024	1	1	0	1	8	8	2	2
9	2024-01-09	2024	1	1	0	2	9	9	2	2
10	2024-01-10	2024	1	1	0	3	10	10	2	2

Table8: FactTransactions_AkhilaA


```sql
SELECT * FROM upwork_dm_db.facttransactions_akhilaa;
```

TransactionAmount	DimensionBidDate_AkhilaA_DateKey	DimensionProposedEndDate_AkhilaA_D	DimensionProposedStartDate_AkhilaA_I	DimensionProject_AkhilaA_ProjectKey	DimensionFreelancer_AkhilaA_Freelance
5000.00	1	1	1	1	1
2000.00	2	2	2	2	2
8000.00	3	3	3	3	3
1500.00	4	4	4	4	4
10000.00	5	5	5	5	5
3000.00	6	6	6	6	6
7000.00	7	7	7	7	7
4000.00	8	8	8	8	8
6000.00	9	9	9	9	9
12000.00	10	10	10	10	10

Table9: FactReviews_AkhilaA

```
1 •   SELECT * FROM upwork_dm_db.factreviews_akhilaa;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

ReviewRating	ReviewComment	DimensionClient_AkhilaA_ClientKey	DimensionProject_AkhilaA_ProjectKey	DimensionFreelancer_AkhilaA_Freelance	DimensionTime_AkhilaA_DateKey
4.50	Great work	1	1	1	1
4.00	Good job	2	2	2	2
5.00	Excellent	3	3	3	3
3.50	Satisfactory	4	4	4	4
4.80	Very good	5	5	5	5
4.20	Solid performance	6	6	6	6
4.70	Outstanding	7	7	7	7
4.00	Delivered on time	8	8	8	8
4.90	Superb	9	9	9	9
5.00	Perfect execution	10	10	10	10