

| record_id | stakeholder_id | product_id | DATE | quantity |
|-----------|----------------|------------|------------|----------|
| 1 | S004 | P001 | 15/08/2024 | 5 |
| 2 | S004 | P002 | 16/08/2024 | 3 |
| 3 | S004 | P003 | 17/08/2024 | 2 |

| target_id | product_id | MONTH | YEAR | per_capita_requirement |
|-----------|------------|-------|------|------------------------|
| 1 | P001 | 8 | 2024 | 15.5 |
| 2 | P002 | 8 | 2024 | 12 |
| 3 | P003 | 8 | 2024 | 8.5 |

| price_id | product_id | district_id | DATE | price_per_unit |
|----------|------------|-------------|------------|----------------|
| 1 | P001 | 1 | 15/08/2024 | 45.5 |
| 2 | P001 | 2 | 15/08/2024 | 46 |
| 3 | P002 | 1 | 15/08/2024 | 51 |
| 4 | P002 | 2 | 15/08/2024 | 52 |
| 5 | P003 | 1 | 15/08/2024 | 85 |

| district_id | NAME |
|-------------|------------|
| 1 | Dhaka |
| 2 | Chittagong |
| 3 | Sylhet |
| 4 | Rajshahi |
| 5 | Khulna |
| 6 | Rangpur |
| 7 | Barisal |
| 8 | Mymensingh |

| type_id | type_name |
|---------|------------|
| 1 | Farmer |
| 2 | Wholesaler |
| 3 | Retailer |
| 4 | Consumer |

| product_id | NAME | TYPE | variety | sowing_time | harvest_time | seed_requirement_per_acre |
|------------|--------|-----------|-------------|-------------------|-------------------|---------------------------|
| P001 | Rice | Cereal | BRRI dhan29 | June-July | November-December | 25 |
| P002 | Wheat | Cereal | BARI Gom-26 | November-December | March-April | 120 |
| P003 | Potato | Vegetable | Diamond | November-December | February-March | 1500 |

| production_id | product_id | district_id | DATE | acreage | quantity_produced |
|---------------|------------|-------------|-----------|---------|-------------------|
| PR001 | P001 | 1 | 1/08/2024 | 100 | 2500 |
| PR002 | P002 | 2 | 1/08/2024 | 150 | 4500 |
| PR003 | P003 | 3 | 1/08/2024 | 80 | 1200 |

| transaction_id | buyer_id | seller_id | product_id | quantity | price_per_unit | total_amount | DATE |
|----------------|----------|-----------|------------|----------|----------------|--------------|------------|
| T001 | S002 | S001 | P001 | 100 | 45.5 | 4550 | 15/08/2024 |
| T002 | S003 | S002 | P001 | 50 | 48 | 2400 | 16/08/2024 |
| T003 | S004 | S003 | P002 | 25 | 52 | 1300 | 17/08/2024 |

| stakeholder_id | NAME | type_id | district_id | contact_info |
|----------------|------------------------|---------|-------------|-----------------------|
| S001 | Rahman Farm | | 1 | 1 rahman@email.com |
| S002 | Dhaka Wholesale Market | | 2 | 1 1712345678 |
| S003 | City Retail Store | | 3 | 2 citystore@email.com |
| S004 | Ahmed Consumer | | 4 | 1 1898765432 |

| weather_id | district_id | DATE | rainfall | temperature |
|------------|-------------|--------------|----------|-------------|
| W001 | | 1 15/08/2024 | 15.5 | 32.5 |
| W002 | | 2 15/08/2024 | 8.2 | 31.8 |
| W003 | | 3 15/08/2024 | 22.1 | 30.9 |
| W004 | | 1 16/08/2024 | 5 | 33.2 |
| W005 | | 2 16/08/2024 | 12.8 | 32.1 |