

Transformation	SQL	Python
Extracting Parts of a Date		
Year	SELECT YEAR(date_column) AS year_part FROM table_name;	df.select(year("date_column").alias("year_part"))
Month	SELECT MONTH(date_column) AS month_part FROM table_name;	df.select(month("date_column").alias("month_part"))
Day	SELECT DAY(date_column) AS day_part FROM table_name;	df.select(dayofmonth("date_column").alias("day_part"))
Hour	SELECT HOUR(timestamp_column) AS hour_part FROM table_name;	df.select(hour("timestamp_column").alias("hour_part"))
Date Formatting		
Convert a date to a string with a specific format	SELECT DATE_FORMAT(date_column, 'yyyy-MM-dd') AS formatted_date FROM table_name;	df.select(date_format("date_column", "yyyy-MM-dd").alias("formatted_date"))
Date Arithmetic		
Add	SELECT DATE_ADD(date_column, 5) AS date_plus_5_days FROM table_name;	df.select(date_add("date_column", 5).alias("date_plus_5_days"))
Subtract	SELECT DATE_SUB(date_column, 5) AS date_minus_5_days FROM table_name;	df.select(date_sub("date_column", 5).alias("date_minus_5_days"))
Difference Between Dates	SELECT DATEDIFF(end_date_column, start_date_column) AS date_diff FROM	df.select(datediff("end_date_column", "start_date_column").alias("date_diff"))
Truncating Dates		
Truncate to First Day of Month	SELECT TRUNC(date_column, 'MM') AS first_day_of_month FROM table_name;	df.select(trunc("date_column", "MM").alias("first_day_of_month"))
Truncate to First Day of Year	SELECT TRUNC(date_column, 'YYYY') AS first_day_of_year FROM table_name;	df.select(trunc("date_column", "YYYY").alias("first_day_of_year"))

Transformation	SQL	Python
Changing Timezones		
Convert from one timezone to another	SELECT FROM_UTC_TIMESTAMP(timestamp_column, 'America/New_York') AS ny_time FROM table_name;	df.select(from_utc_timestamp("timestamp_column", "America/New_York").alias("ny_time"))
Parsing Strings into Dates		
Convert a string into a date	SELECT TO_DATE(string_column, 'yyyy-MM-dd') AS date_column FROM table_name;	df.select(to_date("string_column", "yyyy-MM- dd").alias("date_column"))
Current Date and Time		
Current Date	SELECT CURRENT_DATE() AS current_date FROM table_name;	df.select(current_date().alias("current_date"))
Date Comparison		
Compare two dates	SELECT * FROM table_name WHERE date_column > '2023-01-01';	df.filter(df["date_column"] > "2023-01-01")
Extracting Week and Quarter		
Week of Year	SELECT WEEKOFYEAR(date_column) AS week_of_year FROM table_name;	df.select(weekofyear("date_column").alias("week_of_year"))
Quarter of Year	SELECT QUARTER(date_column) AS quarter_of_year FROM table_name;	df.select(quarter("date_column").alias("quarter_of_year"))
Adding/Subtracting Months and Years		
Adding Months	SELECT ADD_MONTHS(date_column, 3) AS date_plus_3_months FROM table_name;	df.select(add_months("date_column", 3).alias("date_plus_3_months"))
Subtracting Years	SELECT ADD_MONTHS(date_column, -12) AS date_minus_1_year FROM table_name;	df.select(add_months("date_column", - 12).alias("date_minus_1_year"))

Transformation	SQL	Python
Finding the Next/Previous Day of the Week		
Next Monday	SELECT NEXT_DAY(date_column, 'Monday') AS next_monday FROM table_name;	df.select(next_day("date_column", "Monday").alias("next_monday"))
Previous Sunday	SELECT DATE_SUB(NEXT_DAY(date_column, 'Sunday'), 7) AS previous_sunday FROM	df.select(date_sub(next_day("date_column", "Sunday"), 7).alias("previous_sunday"))
Month		
Last Day of the Current Month	SELECT LAST_DAY(date_column) AS last_day_of_month FROM table_name;	df.select(last_day("date_column").alias("last_day_of_month"))
Converting Between Date and Timestamp		
Date to Timestamp	SELECT TO_TIMESTAMP(date_column, 'yyyy-MM-dd') AS timestamp_column FROM table_name;	df.select(to_timestamp("date_column", "yyyy-MM-dd").alias("timestamp_column"))
Timestamp to Date	SELECT TO_DATE(timestamp_column) AS date_column FROM table_name;	df.select(to_date("timestamp_column").alias("date_column"))
Time Difference in Hours, Minutes, or Seconds		
Difference in Hours	SELECT ROUND((UNIX_TIMESTAMP(end_timestamp) - UNIX_TIMESTAMP(start_timestamp)) / 3600) AS	df.select((unix_timestamp("end_timestamp") - unix_timestamp("start_timestamp")) / 3600).alias("hours_diff")
Difference in Minutes	SELECT ROUND((UNIX_TIMESTAMP(end_timestamp) - UNIX_TIMESTAMP(start_timestamp)) / 60) AS	df.select((unix_timestamp("end_timestamp") - unix_timestamp("start_timestamp")) / 60).alias("minutes_diff")

Transformation	SQL	Python
Difference in Seconds	SELECT (UNIX_TIMESTAMP(end_timestamp) - UNIX_TIMESTAMP(start_timestamp)) AS seconds_diff FROM table_name;	df.select((unix_timestamp("end_timestamp") - unix_timestamp("start_timestamp")).alias("seconds_diff"))
Formatting Timestamp with Milliseconds		
Extracting Milliseconds	SELECT DATE_FORMAT(timestamp_column, 'yyyy-MM-dd HH:mm:ss.SSS') AS timestamp_with_ms FROM table_name;	df.select(date_format("timestamp_column", "yyyy-MM-dd HH:mm:ss.SSS").alias("timestamp_with_ms"))
Date Difference in Months		
Difference in Months	SELECT MONTHS_BETWEEN(end_date, start_date) AS months_diff FROM table_name;	df.select(months_between("end_date", "start_date").alias("months_diff"))
Extracting Day of Week		
Day of Week (1=Monday, 7=Sunday)	SELECT DAYOFWEEK(date_column) AS day_of_week FROM table_name;	df.select(dayofweek("date_column").alias("day_of_week"))
Getting the First Day of the Month		
First Day of the Month	SELECT DATE_TRUNC('MM', date_column) AS first_day_of_month FROM table_name;	df.select(date_trunc("MM", "date_column").alias("first_day_of_month"))
Rounding a Timestamp to the Nearest Interval		
Round to Nearest Hour	SELECT DATE_TRUNC('HOUR', timestamp_column) AS rounded_hour FROM table_name;	df.select(date_trunc("HOUR", "timestamp_column").alias("rounded_hour"))
Round to Nearest Minute	SELECT DATE_TRUNC('MINUTE', timestamp_column) AS rounded_minute FROM table_name;	df.select(date_trunc("MINUTE", "timestamp_column").alias("rounded_minute"))
Shifting Time by Timezone		

Transformation	SQL	Python
Convert from One Timezone to Another and Adjust for Daylight Saving	SELECT FROM_UTC_TIMESTAMP(timestamp_column, 'America/Los_Angeles') AS la_time FROM table_name;	df.select(from_utc_timestamp("timestamp_column", 'America/Los_Angeles').alias("la_time"))
Calculating the End of the Quarter		
End of the Quarter	SELECT LAST_DAY(ADD_MONTHS(DATE_TRUNC('QUARTER', date_column), 2)) AS end_of_quarter FROM table_name;	df.select(last_day(add_months(date_trunc("QUARTER", "date_column"), 2)).alias("end_of_quarter"))
Extracting ISO Week Date Components		
ISO Week Number	SELECT WEEKOFYEAR_ISO(date_column) AS iso_week_number FROM table_name;	df.select(weekofyear("date_column").alias("iso_week_number"))
ISO Year	SELECT YEAROFWEEKISO(date_column) AS iso_year FROM table_name;	df.select(year("date_column").alias("iso_year"))
Handling Epoch/Unix Timestamps		
Convert Unix Epoch to Timestamp	SELECT FROM_UNIXTIME(unix_timestamp_column) AS timestamp_column FROM table_name;	df.select(from_unixtime("unix_timestamp_column").alias("timestamp_column"))
Convert Timestamp to Unix Epoch	SELECT UNIX_TIMESTAMP(timestamp_column) AS unix_timestamp FROM table_name;	df.select(unix_timestamp("timestamp_column").alias("unix_timestamp"))
Working with Leap Years		
Checking if a Year is a Leap Year	SELECT CASE WHEN (MOD(YEAR(date_column), 4) = 0 AND MOD(YEAR(date_column), 100) != 0) OR MOD(YEAR(date_column), 400) = 0 THEN TRUE ELSE FALSE END AS is_leap_year FROM table_name;	df.select((year("date_column") % 4 == 0).cast("boolean").alias("is_leap_year"))

Transformation	SQL	Python
Custom Date Parsing		
Parsing Custom Date Formats:	SELECT TO_DATE(CAST(UNIX_TIMESTAMP(string_column, 'MM-dd-yyyy') AS TIMESTAMP)) AS parsed_date FROM table_name;	df.select(to_date(unix_timestamp("string_column", "MM-dd-yyyy").cast("timestamp")).alias("parsed_date"))
Calculating Time Since a Specific Event		
Time Passed in Days	SELECT DATEDIFF(CURRENT_DATE(), event_date) AS days_since_event FROM table_name;	df.select(datediff(current_date(), "event_date").alias("days_since_event"))
Time Passed in Months	SELECT MONTHS_BETWEEN(CURRENT_DATE(), event_date) AS months_since_event FROM table_name;	df.select(months_between(current_date(), "event_date").alias("months_since_event"))
Interval Addition		
Add Interval to a Timestamp	SELECT TIMESTAMPADD(DAY, 10, timestamp_column) AS new_timestamp FROM table_name;	df.select(expr("timestamp_column + interval 10 days").alias("new_timestamp"))
Shifting Time by Specific Intervals		
Add Hours to a Timestamp	SELECT TIMESTAMPADD(HOUR, 3, timestamp_column) AS new_timestamp FROM table_name;	df.select(expr("timestamp_column + interval 3 hours").alias("new_timestamp"))
Add Minutes to a Timestamp	SELECT TIMESTAMPADD(MINUTE, 45, timestamp_column) AS new_timestamp FROM table_name;	df.select(expr("timestamp_column + interval 45 minutes").alias("new_timestamp"))
Subtract Seconds from a Timestamp	SELECT TIMESTAMPADD(SECOND, -30, timestamp_column) AS new_timestamp FROM table_name;	df.select(expr("timestamp_column - interval 30 seconds").alias("new_timestamp"))

Transformation	SQL	Python
Calculating the Number of Weekdays Between Two Dates		
Weekdays Difference	<pre>SELECT SIZE(SEQUENCE(DATE_TRUNC('DAY', start_date), DATE_TRUNC('DAY', end_date), INTERVAL 1 DAY)) - 2 * (DATEDIFF(end_date, start_date) / 7) AS weekday_diff FROM table_name;</pre>	<pre>from pyspark.sql.functions import sequence, expr, size df.select((size(sequence(expr("date_trunc('DAY', start_date)"), expr("date_trunc('DAY', end_date)"), expr("INTERVAL 1 DAY"))) - 2 * (expr("datediff(end_date, start_date) / 7"))).alias("weekday_diff"))</pre>
Calculating Age Based on Birthdate		
Age Calculation	<pre>SELECT FLOOR(MONTHS_BETWEEN(CURRENT_DATE(), birthdate_column) / 12) AS age FROM table_name;</pre>	<pre>df.select(floor(months_between(current_date(), "birthdate_column") / 12).alias("age"))</pre>
Identifying the Last Day of the Previous Month		
Last Day of the Previous Month	<pre>SELECT LAST_DAY(ADD_MONTHS(date_column, - 1)) AS last_day_prev_month FROM table_name;</pre>	<pre>df.select(last_day(add_months("date_column", - 1)).alias("last_day_prev_month"))</pre>
Calculating the Number of Days Until the End of the Year		

Transformation	SQL	Python
Days Until End of Year	SELECT DATEDIFF(LAST_DAY DATE_TRUNC('YEAR', date_column), 'YYYY'), date_column) AS days_until_end_of_year FROM table_name;	df.select(datediff(last_day(date_trunc("YEAR", "date_column")), "date_column").alias("days_until_end_of_year"))
Handling Weekends in Date Calculations		
Add Days Skipping Weekends	SELECT CASE WHEN DAYOFWEEK(date_column) IN (7, 1) THEN DATE_ADD(date_column, 2) ELSE DATE_ADD(date_column, 1) END AS next_business_day FROM table_name;	df.select(expr(""" CASE WHEN DAYOFWEEK(date_column) IN (7, 1) THEN DATE_ADD(date_column, 2) ELSE DATE_ADD(date_column, 1) END """).alias("next_business_day"))
Calculating the Midpoint Between Two Dates		
Midpoint Date	SELECT DATE_ADD(start_date, DATEDIFF(end_date, start_date) / 2) AS midpoint_date FROM table_name;	df.select(date_add("start_date", (datediff("end_date", "start_date") / 2)).alias("midpoint_date"))
Extracting Fiscal Year and Quarter		

Transformation	SQL	Python
Fiscal Year	<pre>SELECT CASE WHEN MONTH(date_column) >= 10 THEN YEAR(date_column) + 1 ELSE YEAR(date_column) END AS fiscal_year FROM table_name;</pre>	<pre>df.select(expr(""" CASE WHEN MONTH(date_column) >= 10 THEN YEAR(date_column) + 1 ELSE YEAR(date_column) END """).alias("fiscal_year"))</pre>
Fiscal Quarter	<pre>SELECT CASE WHEN MONTH(date_column) IN (10, 11, 12) THEN 1 WHEN MONTH(date_column) IN (1, 2, 3) THEN 2 WHEN MONTH(date_column) IN (4, 5, 6) THEN 3 ELSE 4 END AS fiscal_quarter FROM table_name;</pre>	<pre>df.select(expr(""" CASE WHEN MONTH(date_column) IN (10, 11, 12) THEN 1 WHEN MONTH(date_column) IN (1, 2, 3) THEN 2 WHEN MONTH(date_column) IN (4, 5, 6) THEN 3 ELSE 4 END """).alias("fiscal_quarter"))</pre>
Converting to a Specific Date Format		
Custom Date Format	<pre>SELECT DATE_FORMAT(date_column, 'dd-MMM-yyyy') AS formatted_date FROM table_name;</pre>	<pre>df.select(date_format("date_column", "dd-MMM-yyyy").alias("formatted_date"))</pre>
Parsing Dates with Different Time Zones		
Parse Date with Time Zone	<pre>SELECT TO_TIMESTAMP_TZ('2023-01-01 10:00:00 America/New_York', 'yyyy-MM-dd HH:mm:ss z') AS timestamp_with_timezone FROM table_name;</pre>	<pre>df.select(to_timestamp("2023-01-01 10:00:00 America/New_York", "yyyy-MM-dd HH:mm:ss z").alias("timestamp_with_timezone"))</pre>

Transformation	SQL	Python
Calculating the Number of Full Weeks Between Two Dates		
Weeks Difference	SELECT FLOOR(DATEDIFF(end_date, start_date) / 7) AS weeks_diff FROM table_name;	df.select(floor(datediff("end_date", "start_date") / 7).alias("weeks_diff"))
Identifying the Start of the Week (Monday)		
Start of the Week	SELECT DATE_SUB(date_column, DAYOFWEEK(date_column) - 2) AS start_of_week FROM table_name;	df.select(date_sub("date_column", dayofweek("date_column") - 2).alias("start_of_week"))
Extracting Date Components in Different Formats		
Day of Year	SELECT DAYOFYEAR(date_column) AS day_of_year FROM table_name;	df.select(dayofyear("date_column").alias("day_of_year"))
Week of Month	SELECT WEEKOFMONTH(date_column) AS week_of_month FROM table_name;	df.select(expr("WEEKOFMONTH(date_column)").alias("week_of_month"))
Calculating the First Day of the Quarter		
First Day of the Quarter	SELECT DATE_TRUNC('QUARTER', date_column) AS first_day_of_quarter FROM table_name;	df.select(date_trunc("QUARTER", "date_column").alias("first_day_of_quarter"))
Creating a Date from Individual Components		
Construct Date from Year, Month, and Day	SELECT MAKE_DATE(year_column, month_column, day_column) AS constructed_date FROM table_name;	from pyspark.sql.functions import make_date df.select(make_date("year_column", "month_column", "day_column").alias("constructed_date"))
Handling Null Dates		

Transformation	SQL	Python
Replace Null Date with a Default Date	SELECT COALESCE(date_column, '2023-01-01') AS non_null_date FROM table_name;	df.select(coalesce("date_column", lit("2023-01-01")).alias("non_null_date"))
Adding/Subtracting Date Parts		
Add/Subtract Date Parts Using INTERVAL	SELECT date_column + INTERVAL 2 MONTH - INTERVAL 1 DAY AS new_date FROM table_name;	df.select(expr("date_column + interval 2 months - interval 1 day").alias("new_date"))
Calculating Business Days Between Two Dates		
Business Days Difference	SELECT COUNT(CASE WHEN DAYOFWEEK(DATE_ADD(start_date, seq)) NOT IN (7, 1) THEN 1 END) AS business_days_diff FROM table_name LATERAL VIEW POSEXplode(SEQUENCE(0, DATEDIFF(end_date, start_date))) AS seq_idx, seq;	from pyspark.sql.functions import sequence, posexplode, expr df.select(expr("COUNT(CASE WHEN DAYOFWEEK(DATE_ADD(start_date, seq)) NOT IN (7, 1) THEN 1 END)")).alias("business_days_diff")).withColumn("seq", posexplode(sequence(expr("0"), datediff("end_date", "start_date"))))
Handling Different Date Formats in a Single Column		
Parse Multiple Date Formats	SELECT COALESCE(TO_DATE(date_column, 'yyyy-MM-dd'), TO_DATE(date_column, 'MM/dd/yyyy'), TO_DATE(date_column, 'dd-MMM-yyyy')) AS parsed_date FROM table_name;	df.select(coalesce(to_date("date_column", "yyyy-MM-dd"), to_date("date_column", "MM/dd/yyyy"), to_date("date_column", "dd-MMM-yyyy")).alias("parsed_date"))
Calculating the First Monday After a Given Date		

Transformation	SQL	Python
First Monday After Date	SELECT NEXT_DAY(date_column, 'Monday') AS first_monday_after FROM table_name;	df.select(next_day("date_column", "Monday").alias("first_monday_after"))
Extracting the Decade from a Date		
Extract Decade	SELECT FLOOR(YEAR(date_column) / 10) * 10 AS decade FROM table_name;	df.select((floor(year("date_column") / 10) * 10).alias("decade"))
Calculating the Number of Weekends Between Two Dates		
Weekends Count	SELECT SIZE(FILTER(SEQUENCE(start_date, end_date, INTERVAL 1 DAY), x -> DAYOFWEEK(x) IN (1, 7))) AS weekends_count FROM table_name;	df.select(size(filter(sequence("start_date", "end_date", expr("INTERVAL 1 DAY")), lambda x: dayofweek(x).isin([1, 7]))).alias("weekends_count"))
Finding the Next Occurrence of a Specific Day of the Month		

Transformation	SQL	Python
Next 15th of the Month	<pre>SELECT CASE WHEN DAY(date_column) > 15 THEN DATE_ADD(DATE_TRUNC('MM', DATE_ADD(date_column, INTERVAL 1 MONTH)), 14) ELSE DATE_TRUNC('MM', date_column) + INTERVAL 14 DAY END AS next_15th_of_month FROM table_name;</pre>	<pre>df.select(expr(""" CASE WHEN DAY(date_column) > 15 THEN DATE_ADD(DATE_TRUNC('MM', DATE_ADD(date_column, INTERVAL 1 MONTH)), 14) ELSE DATE_TRUNC('MM', date_column) + INTERVAL 14 DAY END """).alias("next_15th_of_month"))</pre>
Calculating the Last Business Day of the Month		
Last Business Day of the Month	<pre>SELECT CASE WHEN DAYOFWEEK(last_day(date_column)) IN (1, 7) THEN NEXT_DAY(LAST_DAY(date_column), 'FRIDAY') ELSE LAST_DAY(date_column) END AS last_business_day_of_month FROM table_name;</pre>	<pre>df.select(expr(""" CASE WHEN DAYOFWEEK(LAST_DAY(date_column)) IN (1, 7) THEN NEXT_DAY(LAST_DAY(date_column), 'FRIDAY') ELSE LAST_DAY(date_column) END """).alias("last_business_day_of_month"))</pre>
Calculating the Number of Holidays Between Two Dates		
Counting Specific Holidays	<pre>SELECT COUNT(*) AS holiday_count FROM (SELECT EXPLODE(SEQUENCE(start_date, end_date, INTERVAL 1 DAY)) AS date_sequence) ds WHERE DATE_FORMAT(date_sequence, 'MM-dd') IN ('12-25', '01-01');</pre>	<pre>df.withColumn("date_sequence", explode(sequence("start_date", "end_date", expr("INTERVAL 1 DAY"))))\ .filter(date_format("date_sequence", "MM-dd").isin("12-25", "01-01"))\ .agg(count("*").alias("holiday_count"))</pre>
Rolling Date Calculation		

Transformation	SQL	Python
Calculate Rolling 7-Day Average	SELECT date_column, AVG(value_column) OVER (ORDER BY date_column ROWS BETWEEN 6 PRECEDING AND CURRENT ROW) AS rolling_avg FROM table_name;	from pyspark.sql.window import Window windowSpec = Window.orderBy("date_column").rowsBetween(-6, 0) df.select("date_column", avg("value_column").over(windowSpec).alias("rolling_avg"))
Calculating the Duration Between Two Timestamps in Different Units		
Duration in Hours, Minutes, and Seconds	SELECT TIMESTAMPDIFF(HOUR, start_timestamp, end_timestamp) AS hours_diff, TIMESTAMPDIFF(MINUTE, start_timestamp, end_timestamp) % 60 AS minutes_diff, TIMESTAMPDIFF(SECOND, start_timestamp, end_timestamp) % 60 AS seconds_diff FROM table_name;	df.select(expr("TIMESTAMPDIFF(HOUR, start_timestamp, end_timestamp)").alias("hours_diff"), expr("TIMESTAMPDIFF(MINUTE, start_timestamp, end_timestamp) % 60").alias("minutes_diff"), expr("TIMESTAMPDIFF(SECOND, start_timestamp, end_timestamp) % 60").alias("seconds_diff"))
Identifying the Last Monday Before a Given Date		
Last Monday Before Date	SELECT DATE_SUB(date_column, MOD(DAYOFWEEK(date_column) + 5, 7)) AS last_monday FROM table_name;	df.select(date_sub("date_column", expr("MOD(DAYOFWEEK(date_column) + 5, 7)")).alias("last_monday"))
Handling Quarter-Based Calculations		

Transformation	SQL	Python
Calculate Quarter Progress	<pre>SELECT (DAYOFYEAR(date_column) - DAYOFYEAR(DATE_TRUNC('QUARTER', date_column))) / (DAYOFYEAR(ADD_MONTHS(DATE_TRUNC('QUARTER', date_column), 3)) - DAYOFYEAR(DATE_TRUNC('QUARTER', date_column))) AS quarter_progress FROM table_name;</pre>	<pre>df.select(((dayofyear("date_column") - dayofyear(date_trunc("QUARTER", "date_column")))) / (dayofyear(add_months(date_trunc("QUARTER", "date_column"), 3)) - dayofyear(date_trunc("QUARTER", "date_column")))).alias("quarter_progress"))</pre>
Calculating the Week Number Starting from a Specific Date		
Custom Week Number Calculation	<pre>SELECT FLOOR(DATEDIFF(date_column, '2024-01-01') / 7) + 1 AS custom_week_number FROM table_name;</pre>	<pre>df.select((floor(datediff("date_column", lit("2024-01-01")) / 7) + 1).alias("custom_week_number"))</pre>
Calculating the Time Until a Specific Time of Day		
Time Until 5 PM	<pre>SELECT TIMESTAMPDIFF(SECOND, CURRENT_TIMESTAMP, TIMESTAMP(CONCAT(DATE(date_column), ' 17:00:00')) AS seconds_until_5pm FROM table_name;</pre>	<pre>df.select(expr("TIMESTAMPDIFF(SECOND, CURRENT_TIMESTAMP, TIMESTAMP(CONCAT(DATE(date_column), ' 17:00:00'))").alias("seconds_until_5pm"))</pre>
Extracting the Week Number and Year Together		
Week Number with Year	<pre>SELECT CONCAT(YEAR(date_column), '-', LPAD(WEEKOFYEAR(date_column), 2, '0')) AS year_week FROM table_name;</pre>	<pre>df.select(expr("CONCAT(YEAR(date_column), '-', LPAD(WEEKOFYEAR(date_column), 2, '0'))").alias("year_week"))</pre>

Transformation	SQL	Python
Calculating the Next Occurrence of a Specific Day of the Week		
Next Friday	SELECT NEXT_DAY(date_column, 'FRIDAY') AS next_friday FROM table_name;	df.select(next_day("date_column", "FRIDAY").alias("next_friday"))