**Pyspark.sql.functions**

* [**pyspark.sql.functions.abs**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.abs.html)
* [pyspark.sql.functions.acos](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.acos.html)
* [pyspark.sql.functions.acosh](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.acosh.html)
* [pyspark.sql.functions.add\_months](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.add_months.html)
* [**pyspark.sql.functions.aggregate**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.aggregate.html)
* [pyspark.sql.functions.approxCountDistinct](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.approxCountDistinct.html)
* [pyspark.sql.functions.approx\_count\_distinct](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.approx_count_distinct.html)
* [**pyspark.sql.functions.array**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array.html)
* [**pyspark.sql.functions.array\_contains**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_contains.html)
* [**pyspark.sql.functions.array\_distinct**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_distinct.html)
* [**pyspark.sql.functions.array\_except**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_except.html)
* [**pyspark.sql.functions.array\_intersect**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_intersect.html)
* [**pyspark.sql.functions.array\_join**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_join.html)
* [**pyspark.sql.functions.array\_max**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_max.html)
* [**pyspark.sql.functions.array\_min**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_min.html)
* [pyspark.sql.functions.array\_position](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_position.html)
* [**pyspark.sql.functions.array\_remove**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_remove.html)
* [**pyspark.sql.functions.array\_repeat**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_repeat.html)
* [**pyspark.sql.functions.array\_sort**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_sort.html)
* [**pyspark.sql.functions.array\_union**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.array_union.html)
* [**pyspark.sql.functions.arrays\_overlap**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.arrays_overlap.html)
* [pyspark.sql.functions.arrays\_zip](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.arrays_zip.html)
* [**pyspark.sql.functions.asc**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.asc.html)
* [pyspark.sql.functions.asc\_nulls\_first](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.asc_nulls_first.html)
* [pyspark.sql.functions.asc\_nulls\_last](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.asc_nulls_last.html)
* [pyspark.sql.functions.ascii](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.ascii.html)
* [**pyspark.sql.functions.asin**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.asin.html)
* [pyspark.sql.functions.asinh](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.asinh.html)
* [**pyspark.sql.functions.assert\_true**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.assert_true.html)
* [pyspark.sql.functions.atan](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.atan.html)
* [pyspark.sql.functions.atanh](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.atanh.html)
* [pyspark.sql.functions.atan2](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.atan2.html)
* [**pyspark.sql.functions.avg**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.avg.html)
* [pyspark.sql.functions.base64](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.base64.html)
* [pyspark.sql.functions.bin](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.bin.html)
* [pyspark.sql.functions.bitwise\_not](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.bitwise_not.html)
* [pyspark.sql.functions.bitwiseNOT](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.bitwiseNOT.html)
* [pyspark.sql.functions.broadcast](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.broadcast.html)
* [pyspark.sql.functions.bround](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.bround.html)
* [pyspark.sql.functions.bucket](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.bucket.html)
* [pyspark.sql.functions.cbrt](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.cbrt.html)
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* [pyspark.sql.functions.coalesce](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.coalesce.html)
* [pyspark.sql.functions.col](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.col.html)
* [pyspark.sql.functions.collect\_list](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.collect_list.html)
* [pyspark.sql.functions.collect\_set](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.collect_set.html)
* [**pyspark.sql.functions.column**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.column.html)
* [**pyspark.sql.functions.concat**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.concat.html)
* [pyspark.sql.functions.concat\_ws](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.concat_ws.html)
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* [pyspark.sql.functions.cosh](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.cosh.html)
* [**pyspark.sql.functions.count**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.count.html)
* [**pyspark.sql.functions.count\_distinct**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.count_distinct.html)
* [**pyspark.sql.functions.countDistinct**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.countDistinct.html)
* [pyspark.sql.functions.covar\_pop](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.covar_pop.html)
* [pyspark.sql.functions.covar\_samp](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.covar_samp.html)
* [pyspark.sql.functions.crc32](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.crc32.html)
* [pyspark.sql.functions.create\_map](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.create_map.html)
* [pyspark.sql.functions.cume\_dist](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.cume_dist.html)
* [**pyspark.sql.functions.current\_date**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.current_date.html)
* [**pyspark.sql.functions.current\_timestamp**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.current_timestamp.html)
* [**pyspark.sql.functions.date\_add**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.date_add.html)
* [**pyspark.sql.functions.date\_format**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.date_format.html)
* [pyspark.sql.functions.date\_sub](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.date_sub.html)
* [pyspark.sql.functions.date\_trunc](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.date_trunc.html)
* [**pyspark.sql.functions.datediff**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.datediff.html)
* [**pyspark.sql.functions.dayofmonth**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.dayofmonth.html)
* [**pyspark.sql.functions.dayofweek**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.dayofweek.html)
* [**pyspark.sql.functions.dayofyear**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.dayofyear.html)
* [**pyspark.sql.functions.days**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.days.html)
* [pyspark.sql.functions.decode](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.decode.html)
* [pyspark.sql.functions.degrees](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.degrees.html)
* [pyspark.sql.functions.dense\_rank](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.dense_rank.html)
* [**pyspark.sql.functions.desc**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.desc.html)
* [**pyspark.sql.functions.desc\_nulls\_first**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.desc_nulls_first.html)
* [**pyspark.sql.functions.desc\_nulls\_last**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.desc_nulls_last.html)
* [pyspark.sql.functions.element\_at](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.element_at.html)
* [pyspark.sql.functions.encode](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.encode.html)
* [**pyspark.sql.functions.exists**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.exists.html)
* [pyspark.sql.functions.exp](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.exp.html)
* [pyspark.sql.functions.explode](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.explode.html)
* [pyspark.sql.functions.explode\_outer](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.explode_outer.html)
* [pyspark.sql.functions.expm1](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.expm1.html)
* [pyspark.sql.functions.expr](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.expr.html)
* [**pyspark.sql.functions.factorial**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.factorial.html)
* [**pyspark.sql.functions.filter**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.filter.html)
* [**pyspark.sql.functions.first**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.first.html)
* [**pyspark.sql.functions.flatten**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.flatten.html)
* [pyspark.sql.functions.floor](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.floor.html)
* [pyspark.sql.functions.forall](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.forall.html)
* [**pyspark.sql.functions.format\_number**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.format_number.html)
* [**pyspark.sql.functions.format\_string**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.format_string.html)
* [**pyspark.sql.functions.from\_csv**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.from_csv.html)
* [**pyspark.sql.functions.from\_json**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.from_json.html)
* [pyspark.sql.functions.from\_unixtime](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.from_unixtime.html)
* [pyspark.sql.functions.from\_utc\_timestamp](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.from_utc_timestamp.html)
* [pyspark.sql.functions.get\_json\_object](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.get_json_object.html)
* [**pyspark.sql.functions.greatest**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.greatest.html)
* [**pyspark.sql.functions.grouping**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.grouping.html)
* [pyspark.sql.functions.grouping\_id](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.grouping_id.html)
* [pyspark.sql.functions.hash](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.hash.html)
* [pyspark.sql.functions.hex](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.hex.html)
* [pyspark.sql.functions.hour](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.hour.html)
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* [pyspark.sql.functions.hypot](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.hypot.html)
* [pyspark.sql.functions.initcap](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.initcap.html)
* [pyspark.sql.functions.input\_file\_name](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.input_file_name.html)
* [pyspark.sql.functions.instr](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.instr.html)
* [**pyspark.sql.functions.isnan**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.isnan.html)
* [**pyspark.sql.functions.isnull**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.isnull.html)
* [pyspark.sql.functions.json\_tuple](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.json_tuple.html)
* [**pyspark.sql.functions.kurtosis**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.kurtosis.html)
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* [pyspark.sql.functions.lead](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.lead.html)
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* [pyspark.sql.functions.log2](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.log2.html)
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* [pyspark.sql.functions.lpad](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.lpad.html)
* [pyspark.sql.functions.ltrim](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.ltrim.html)
* [pyspark.sql.functions.map\_concat](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.map_concat.html)
* [pyspark.sql.functions.map\_entries](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.map_entries.html)
* [**pyspark.sql.functions.map\_filter**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.map_filter.html)
* [pyspark.sql.functions.map\_from\_arrays](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.map_from_arrays.html)
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* [**pyspark.sql.functions.month**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.month.html)
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* [**pyspark.sql.functions.pandas\_udf**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.pandas_udf.html)
* [pyspark.sql.functions.percent\_rank](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.percent_rank.html)
* [**pyspark.sql.functions.percentile\_approx**](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.percentile_approx.html)
* [pyspark.sql.functions.posexplode](https://spark.apache.org/docs/latest/api/python/reference/api/pyspark.sql.functions.posexplode.html)
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