MySQL Data Ty	pes
CHAR	String (0 - 255)
VARCHAR	String (0 - 255)
TINYTEXT	String (0 - 255)
TEXT	String (0 - 65535)
BLOB	String (0 - 65535)
MEDIUMTEXT	String (0 - 16777215)
MEDIUMBLOB	String (0 - 16777215)
LONGTEXT	String (0 - 4294967295)
LONGBLOB	String (0 - 4294967295)
TINYINT x	Integer (-128 to 127)
SMALLINT x	Integer (-32768 to 32767)
MEDIUMINT x	Integer (-8388608 to 8388607)
INT x	Integer (-2147483648 to 2147483647)
BIGINT x	Integer (- 9223372036854775808 to 9223372036854775807)
FLOAT	Decimal (precise to 23 digits)
DOUBLE	Decimal (24 to 53 digits)
DEÇIMAL	"DOUBLE" stored as string
DATE	YYYY-MM-DD
DATETIME	YYYY-MM-DD HH:MM:SS
TIMESTAMP	YYYYMMDDHHMMSS
TIME	HH:MM:SS
ENUM	One of preset options
SET	Selection of preset options
the same range	i x) that are "UNSIGNED" have of values but start from 0 (i.e., "INYINT can have any value

MySQL Type Conversion BINARY 'string' CAST (expression AS datatype) CONVERT (expression, datatype) MySQL Grouping Functions AVG MAX BIT_AND STD BIT_OR STDDEV COUNT SUM GROUP_CONCAT VARIANCE MIN MySQL Mathematical Functions ABS COS SIGN SIN MOD TAN FLOOR ACOS CEILING ASIN ROUND ATAN, ATAN2 DIV COT EXP RAND LN LEAST LOG, LOG2, LOG10 GREATEST POW DEGREES POWER RADIANS SQRT TRUNCATE		
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CEILING ASIN ROUND ATAN, ATAN2 DIV COT EXP RAND LN LEAST LOG, LOG2, LOG10 GREATEST POW DEGREES POWER RADIANS SQRT TRUNCATE	MOD	TAN
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DIV COT EXP RAND LN LEAST LOG, LOG2, LOG10 GREATEST POW DEGREES POWER RADIANS SQRT TRUNCATE	CEILING	ASIN
EXP RAND LN LEAST LOG, LOG2, LOG10 GREATEST POW DEGREES POWER RADIANS SQRT TRUNCATE	ROUND	ATAN, ATAN2
LN LEAST LOG, LOG2, LOG10 GREATEST POW DEGREES POWER RADIANS SQRT TRUNCATE	DIV	COT
LOG, LOG2, LOG10 GREATEST POW DEGREES POWER RADIANS SQRT TRUNCATE	EXP	RAND
POW DEGREES POWER RADIANS SQRT TRUNCATE	LN	LEAST
POWER RADIANS SQRT TRUNCATE	LOG, LOG2, LOG10	GREATEST
SQRT TRUNCATE	POW	DEGREES
150500	POWER	RADIANS
PI	SQRT	TRUNCATE
	PI	

MySQL String Fu	inctions
ASCII	SUBSTRING
ORD	MID
CONV	SUBSTRING_INDEX
BIN	LTRIM
OCT	RTRIM
HEX	TRIM
CHAR	SOUNDEX
CONCAT	SPACE
CONCAT_WS	REPLACE

MySQL String Function	ons (cont)
LENGTH	REPEAT
CHAR_LENGTH	REVERSE
BIT_LENGTH	INSERT
LOCATE	ELT
INSTR	FIELD
LPAD	LCASE
RPAD	UCASE
LEFT	LOAD_FILE
RIGHT	QUOTE

MySQL Date and Ti	ime Functions
DAYOFWEEK	DATE_SUB
WEEKDAY	ADDDATE
DAYOFMONTH	SUBDATE
DAYOFYEAR	EXTRACT
MONTH	TO_DAYS
DAYNAME	FROM_DAYS
MONTHNAME	DATE_FORMAT
QUARTER	TIME_FORMAT
WEEK	CURRENT_DATE
YEAR	CURRENT_TIME
YEARWEEK	NOW
HOUR	SYSDATE
MINUTE	UNIX_TIMESTAMP
SECOND	FROM_UNIXTIME
PERIOD_ADD	SEC_TO_TIME
PERIOD_DIFF	TIME_TO_SEC
DATE_ADD	

NULLIF		IF