

Django Models Cheat Sheet

by Lewis Eason (lewiseason) via cheatography.com/6319/cs/1072/

Field Types	
AutoField	
BigIntegerField	
BinaryField	
BooleanField	
CharField	max_length
CommaSeparatedIntegerFi eld	max_length
DateField	auto_now
	auto_now_add
DateTimeField	(as above)
DecimalField	max_digits
	decimal_places
EmailField	max_length
FileField	upload_to
	storage
FloatField	
ImageField	upload_to
	height_field
	width_field
IntegerField	
IPAddressField	
GenericIPAddressField	protocol
	unpack_ipv4
NullBooleanField	
PositiveIntegerField	
PositiveSmallIntegerField	
SlugField	max_length
SmallIntegerField	
TextField	
TimeField	auto_now
	auto_now_add
URLField	max_length
ForeignKey	model
	related_name
	to_field
	db_constraint (True)

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Field Types (cont)		
	on_delete	
ManyToManyField	model	
	limit_choices_to	
OneToOneField		
Field Options		
null		
blank		
choices		
db_column		
db_index		
db_tablespace		
default		
editable		
error_messages		
help_text		
primary_key		
unique		
unique_for_[date mont	h year]	
verbose_name		
validators		
Field Lookups		
exact		
iexact	Case Insensitive	
contains		
icontains		
in	Pass in a list	
gt,gte,lt,lte	Comparison	
startswith,istartsw iendswith	vith,endswith,	
range	(inclusive) =(X, Y)	
year,month,da	ay,hour,minute,	
week_day	1=Sun, 7=Sat	

Related Manager Methods		
add	x.ys_set.add(y,)	
create	x.ys_set.create(**kwargs)	
remove*	x.ys_set.remove(y1, y2,)	
clear*	x.ys_set.clear()	
	*Only available when FK(null=True)	

QuerySet API	
all	X.objects.
filter	filter(**kwargs)
exclude	exclude(**kwargs)
annotate	annotate(models.Count('cost'))
order_by	[*fields_str]
reverse	
distinct	
values	*fields_str
values_list	*fields_str
date(time)?s	dates(field, kind, order)
none	
extra	extra(select={})
get (returns 1 obj)	get(**kwargs)
create (returns 1 obj)	create(**kwargs)
get_or_create (returns 1 obj)	get_or_create(**kwargs)
count	
latest, earliest, first, last	
aggregate	aggregate(models.Count('entry'))
delete	



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__isnull __regex

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Meta Options
abstract
app_label
db_table
db_tablespace
get_latest_by
managed
order_with_respect_to
ordering
permissions
proxy
unique_together
index_together
verbose_name
verbose_name_plural



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