

### Active Record: Query

```
User.all
User.find(params[:id])
User.find_by(name: params[:name])
User.where(email: params[:email])
User.where("sign_in_count > 1")
User.where("age > 18").limit(5)
User.where(gender: "M").order(:name)
User.find_each(batch_size: 5000)
@users.pluck(:email)
```

### Active Record: Agregation

```
Person.average(:age)
Trade.maximum(:price)
Order.group(:status).count
Person.count(:all)
```

### Command Line

```
rails (s)erver
rails (c)onsole
rails (g)enerate
rake db:migrate
rake db:migrate:status
rake routes
```

### Routes

```
root :to => 'pages#home_page'
get '/patients/:id', to: 'patients#show'
resources :photos
namespace :admin do ... end
```

### Forms

```
form_for(@model) do |f| ... end
link_to 'name', path
f.label
f.text_field
f.password_field
f.email_field
f.submit
```

### Active Record: Create / Update

```
User.create(name: "David", occupation: "Code Artist")
@user.update(name: "Dave")
@user.destroy
@user.save / @user.save!
User.find_or_create_by
User.where(some condition).first_or_create(params)
```

### Validations

```
validates :name, :presence => true
validates :name, :length => { :minimum => 2 }
validates :password, length: { in: 6..20 }
validates :email, :uniqueness => true
validates :count, :numericality => { :greater_than => 0 }
validates :size, inclusion: { in: %w(small medium large) }
```

### Migrations

```
create_table :table do |t| ... end
add_column :table, :field, :type
change_column :table, :field, :type
rename_column :table, :name, :new_name
rename_table
add_index
```

### Misc

```
before_action :method
scope :published, -> { where(published: true) }
```

### Active Record: Data Types

```
string
float
integer
text
time
date
boolean
```

### Active Record: Associations

```
:has_one
:has_many / :belongs_to
```



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Not published yet.  
Last updated 12th May, 2016.  
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