# AI & Robotics

Environment setup

# Goals

The **junior-colleague**
- has a working anaconda environment

# Environment

# Installation

1. Download the Anaconda bash script at
https://www.anaconda.com/download/

2. Run the Anaconda script

```
$ bash Anaconda3-2018.12-Linux-x86_64.sh
```

3. Enter "yes" to everything!

# Installation

At the end you will receive the following output

```
installation finished.
Do you wish the installer to prepend the Anaconda3 install location
to PATH in your /home/sammy/.bashrc ? [yes|no]
[no] >>>
```

Watch out with this!
ROS will stop working if this remains in your *.bashrc*

# Installation

```
# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
  if [ -f /usr/share/bash-completion/bash_completion ]; then
    . /usr/share/bash-completion/bash_completion
  elif [ -f /etc/bash_completion ]; then
    . /etc/bash_completion
  fi
fi
source /opt/ros/melodic/setup.bash
source ~/catkin_ws/devel/setup.bash

# added by Anaconda3 2018.12 installer
# >>> conda init >>>
# !! Contents within this block are managed by 'conda init' !!
__conda_setup="$(CONDA_REPORT_ERRORS=false '/home/sam/anaconda3/bin/conda' shell.bash hook 2> /dev/null)"
if [ $? -eq 0 ]; then
    \eval "$__conda_setup"
else
    if [ -f "/home/sam/anaconda3/etc/profile.d/conda.sh" ]; then
        . "/home/sam/anaconda3/etc/profile.d/conda.sh"
        CONDA_CHANGEPS1=false conda activate base
    else
        \export PATH="/home/sam/anaconda3/bin:$PATH"
    fi
fi
unset __conda_setup
# <<< conda init <<<
```

**Separate anaconda.bash file!**

# Installation

After sourcing your anaconda.bash file, execute:

```
$ anaconda-navigator
```

If this command is not immediately found, you forgot to source your anaconda.bash file!