```
# Costa Rica Institute of Technology
# Bigdata
## Students:
```bash
Jose Martinez
Execution
1. Create docker image
 ./build_image.sh
2. Run docker
 ./run_image.sh
3. Run main
 ./execute.sh
 spark-submit programaestudiante.py -f datos/
4. Run whole tests
 pytest
5. Run specific tests
 pytest test_cajas.py
 pytest test_metricas.py
 pytest test_productos.py
```