Optimization notebooks

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Installation

1. Download and install Anaconda or any other python distribution (python >= 3.7). For Windows user, you should download Anaconda and use Anaconda Prompt as a terminal.

2. Create a python 3 environment (named docplex) and activate it.

   i. For Anaconda:

   ```
   conda create -n docplex python=3.7
   conda activate docplex
   ```

   To deactivate your environment:

   ```
   conda deactivate
   ```

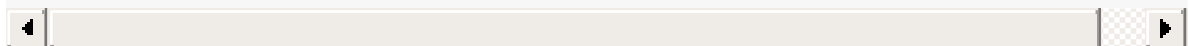   ii. For any python distribution:

   ```
   python3 -m venv docplex
   source docplex/bin/activate
   ```

   To deactivate your environment:

   ```
   deactivate
   ```

3. Install with cplex, docplex, jupyter, ipykernel, and matplotlib in your environment:

   ```
   pip install docplex cplex jupyter ipykernel matplotlib
   python -m ipykernel install --user --name docplex --display-name "Python (docple
   ```

   To uninstall this environment from jupyter:

   ```
   jupyter kernelspec uninstall docplex
   ```

4. Start jupyter notebook (you could go first to the directory where your are saving your

notebooks):

```
jupyter notebook
```

DOCPLEX

MP documentation

CP documentation

Examples