

Homework 5

IEOR: 4574

Due date: April 04

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- **Question 1:** Run the Basis functions related code shared in the “Basis.py” file [**Points 50**]
 - Explain Piecewise constant fit.
 - Explain Piecewise linear fit.
 - Explain Continuous Piecewise Linear.
 - Explain Continuous cubic spline fit.
- **Question 2:** Run the Basis functions related code shared in the “Basis.py” file for the ”WholeFood.xlsx” data: [**Points 50**]
 - Explain Piecewise constant fit.
 - Explain Piecewise linear fit.
 - Explain Continuous Piecewise Linear.
 - Explain Continuous cubic spline fit is not a good fit for this data.