

Adequacy of Linear Regression Models

Part: Check One: Plot the Data

<http://nm.MathForCollege.com>

Transforming Numerical Methods Education for STEM Undergraduates



For more details on this topic

- Go to <http://nm.MathForCollege.com>
- Click on Adequacy of Regression Models

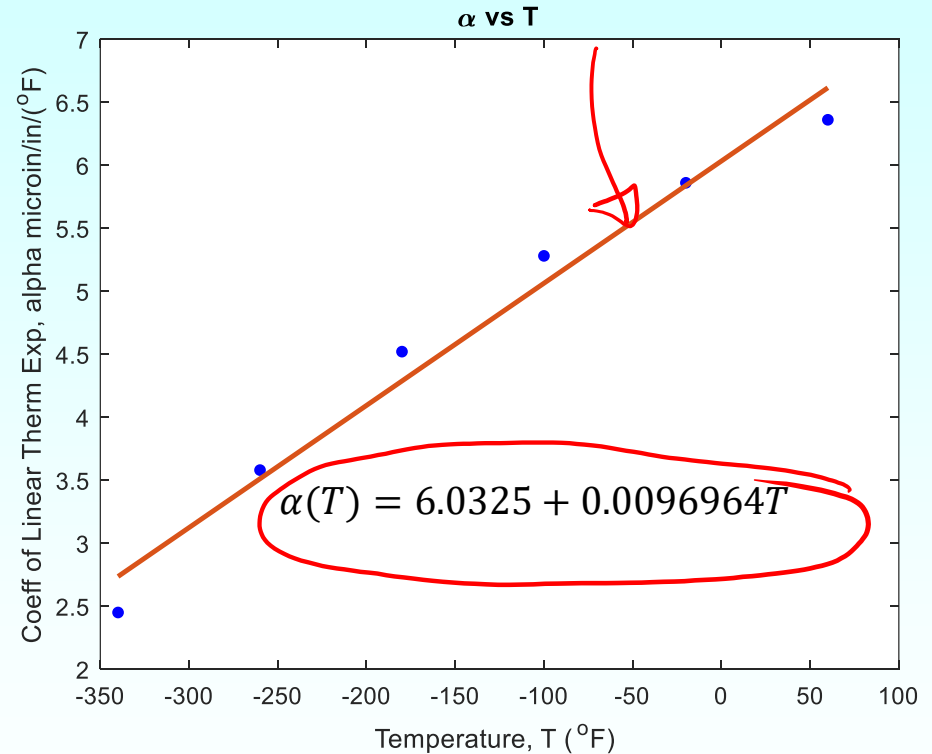


**Check 1: Does the model look
like it explains the data?**



Data and Model

| T_i | α_i |
|-------|------------|
| -340 | 2.45 |
| -260 | 3.58 |
| -180 | 4.52 |
| -100 | 5.28 |
| -20 | 5.86 |
| 60 | 6.36 |



You are free

- to **Share** – to copy, distribute, display and perform the work
- to **Remix** – to make derivative works

under the following conditions

- **Attribution** — You must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).
- **Noncommercial** — You may not use this work for commercial purposes.
- **Share Alike** — If you alter, transform, or build upon this work, you may distribute the resulting work only under the same or similar license to this one.



Acknowledgement

This instructional power point brought to you by
Numerical Methods for STEM undergraduate

<http://nm.MathForCollege.com>

Committed to bringing numerical methods to the
undergraduate

This material is based upon work supported by the
National Science Foundation under Grant #1609637. Any
opinions, findings, and conclusions or recommendations
expressed in this material are those of the author(s) and do
not necessarily reflect the views of the National Science
Foundation.



This instructional power point brought to you by
Numerical Methods for STEM undergraduate

<http://nm.MathForCollege.com>

Committed to bringing numerical methods to the
undergraduate

This material is based upon work supported by the
National Science Foundation under Grant #1609637.
Any opinions, findings, and conclusions or
recommendations expressed in this material are those
of the author(s) and do not necessarily reflect the views
of the National Science Foundation.



THE END

<http://nm.MathForCollege.com>



