# JSTPADI

# Model Data

| MAE | Path | Node | Learning Rate | Epoch | Test Size |
|-----|------|------|---------------|-------|-----------|
| 1.12 | assets/8db6a36615c748a3968f6e89e97b27db | 18 | 0.00000000 | 100/100 | 0.3 |

## Test Data - Prediction Comparison
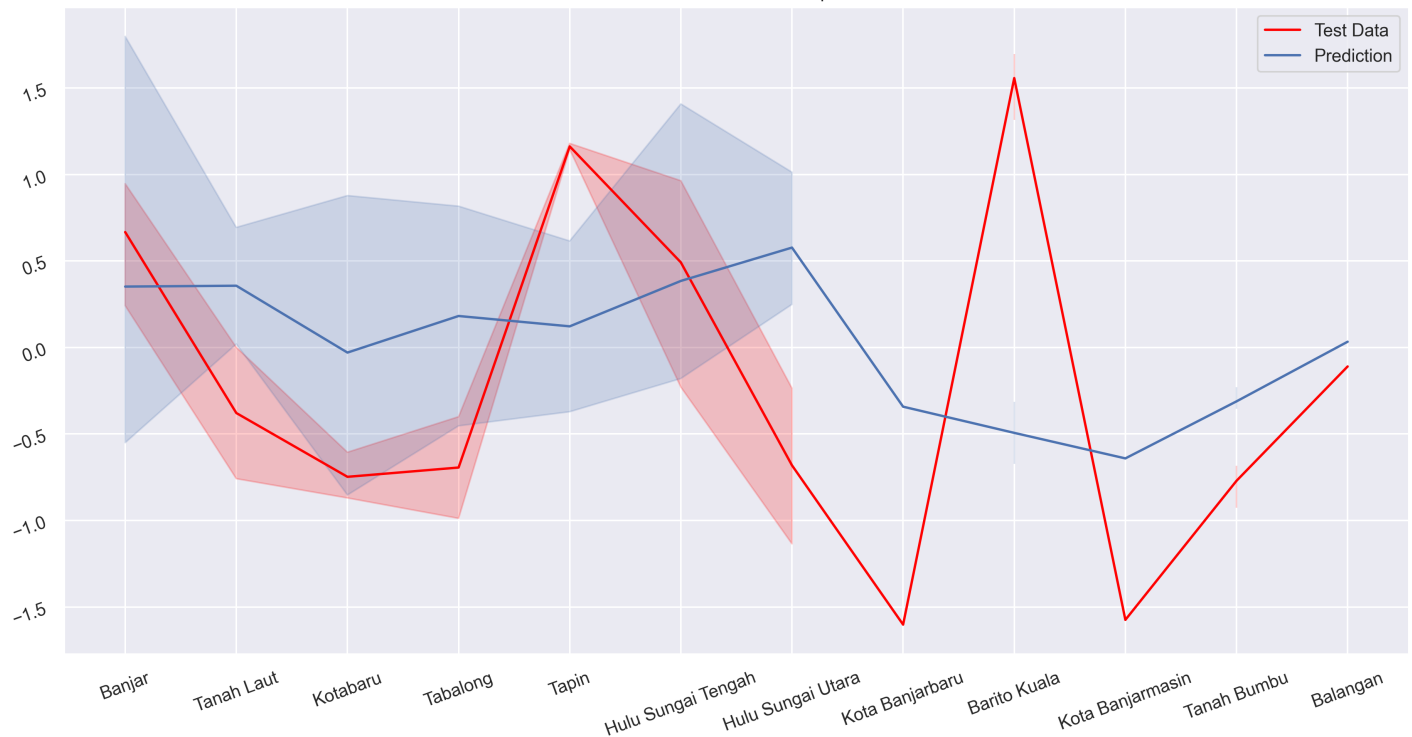


## Training Loss - Validation Loss Comparison
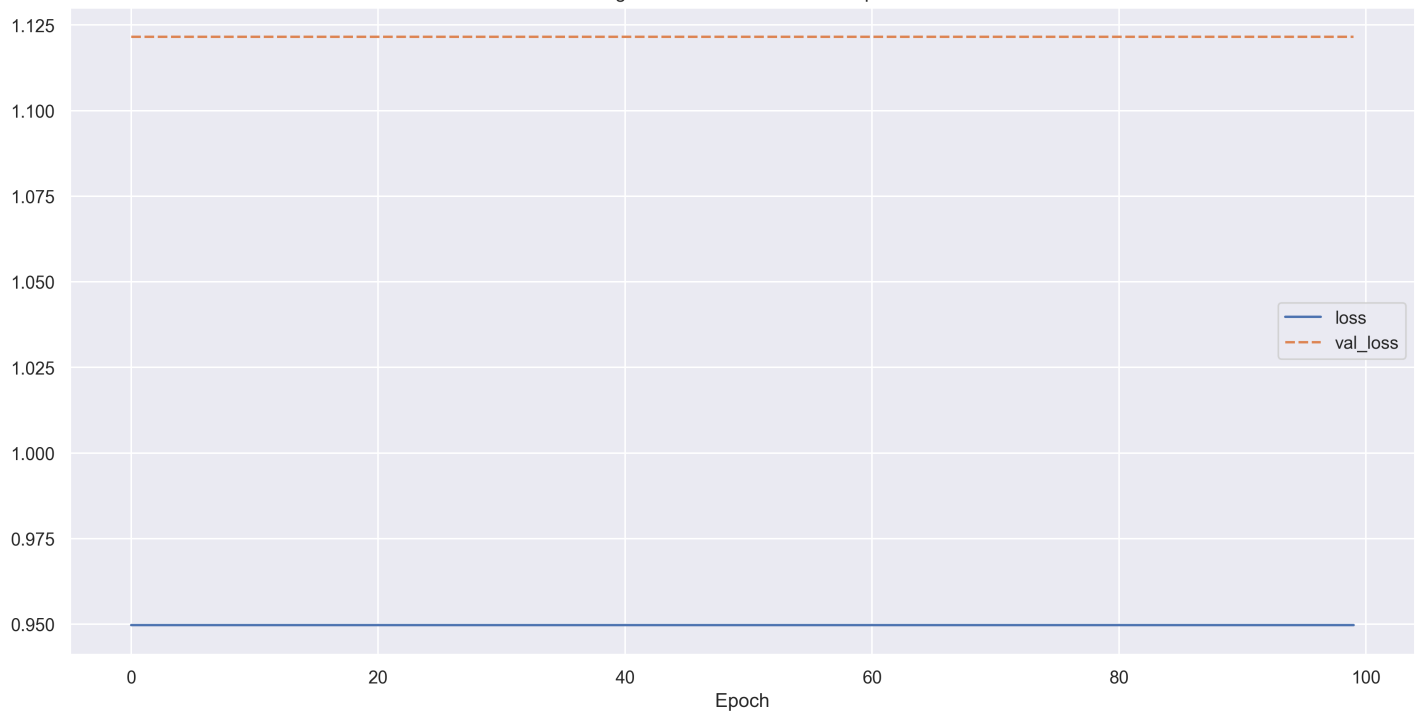


## Training/Test Detail

| No | Kota | Tahun | Test Data | Preddiction | MAE |
|----|------|-------|-----------|-------------|-----|
| 1 | Banjar | 2011 | 0.2416771767 | 1.7983074188 | 1.0199922978 |
| 2 | Tanah Laut | 2012 | -0.7584628194 | 0.0197543483 | -0.3693542355 |
| 3 | Kotabaru | 2015 | -0.8698438254 | 0.8780730367 | 0.0041146056 |
| 4 | Banjar | 2014 | 0.946776419 | -0.1919269264 | 0.3774247463 |

| No | Kota | Tahun | Test Data | Preddiction | MAE |
|----|------|-------|-----------|-------------|-----|
| 5 | Tabalong | 2017 | -0.4001211878 | -0.4529201388 | -0.4265206633 |
| 6 | Tapin | 2013 | 1.1446263448 | 0.6157544851 | 0.880190415 |
| 7 | Hulu Sungai Tengah | 2014 | 0.5331902047 | -0.1795449853 | 0.1768226097 |
| 8 | Tapin | 2014 | 1.1797351441 | -0.3713983893 | 0.4041683774 |
| 9 | Hulu Sungai Utara | 2015 | -0.235576561 | 0.4697578251 | 0.1170906321 |
| 10 | Kota Banjarbaru | 2017 | -1.6018370223 | -0.3422181606 | -0.9720275915 |
| 11 | Hulu Sungai Utara | 2011 | -0.673163202 | 1.0132572651 | 0.1700470316 |
| 12 | Tanah Laut | 2013 | 0.0008008872 | 0.6940523982 | 0.3474266427 |
| 13 | Hulu Sungai Utara | 2013 | -1.1348890005 | 0.2491005659 | -0.4428942173 |
| 14 | Barito Kuala | 2016 | 1.6444337453 | -0.6293061972 | 0.5075637741 |
| 15 | Tabalong | 2011 | -0.9876956319 | 0.8169149756 | -0.0853903281 |
| 16 | Barito Kuala | 2012 | 1.1922407339 | -0.3659353852 | 0.4131526743 |
| 17 | Kota Banjarmasin | 2012 | -1.5743881445 | -0.6410992146 | -1.1077436795 |
| 18 | Kotabaru | 2017 | -0.605571579 | -0.852565527 | -0.729068553 |
| 19 | Kotabaru | 2016 | -0.7674109554 | -0.1139179617 | -0.4406644585 |
| 20 | Barito Kuala | 2014 | 1.6877474799 | -0.716642797 | 0.4855523415 |
| 21 | Tanah Bumbu | 2012 | -0.9271594605 | -0.3502611816 | -0.6387103211 |
| 22 | Hulu Sungai Tengah | 2011 | -0.228917483 | 1.4078761339 | 0.5894793254 |
| 23 | Balangan | 2015 | -0.1096981874 | 0.0332769006 | -0.0382106434 |
| 24 | Tanah Bumbu | 2014 | -0.6838652915 | -0.3537281752 | -0.5187967333 |
| 25 | Hulu Sungai Tengah | 2016 | 1.1714905714 | -0.0743400753 | 0.5485752481 |
| 26 | Barito Kuala | 2015 | 1.7043852654 | -0.2622409761 | 0.7210721447 |
| 27 | Tanah Bumbu | 2016 | -0.7009688161 | -0.2304613143 | -0.4657150652 |
| 28 | Banjar | 2017 | 0.8124651952 | -0.5502836108 | 0.1310907922 |

## Loss Detail

| Epoch | Training Loss | Validation Loss |
|-------|---------------|-----------------|
| Epochs 1 | 0.9497334361 | 1.1215298176 |
| Epochs 2 | 0.9497334361 | 1.1215298176 |
| Epochs 3 | 0.9497333765 | 1.1215298176 |
| Epochs 4 | 0.9497334361 | 1.1215298176 |
| Epochs 5 | 0.9497334361 | 1.1215298176 |
| Epochs 6 | 0.9497334361 | 1.1215298176 |
| Epochs 7 | 0.9497334361 | 1.1215298176 |
| Epochs 8 | 0.9497334361 | 1.1215298176 |
| Epochs 9 | 0.9497334361 | 1.1215298176 |
| Epochs 10 | 0.9497334361 | 1.1215298176 |
| Epochs 11 | 0.9497334361 | 1.1215298176 |
| Epochs 12 | 0.9497334361 | 1.1215298176 |
| Epochs 13 | 0.9497334361 | 1.1215298176 |
| Epochs 14 | 0.9497334361 | 1.1215298176 |
| Epochs 15 | 0.9497334361 | 1.1215298176 |
| Epochs 16 | 0.9497334361 | 1.1215298176 |
| Epochs 17 | 0.9497334361 | 1.1215298176 |
| Epochs 18 | 0.9497334361 | 1.1215298176 |

| Epoch | Training Loss | Validation Loss |
| --- | --- | --- |
| Epochs 19 | 0.9497334361 | 1.1215298176 |
| Epochs 20 | 0.9497333765 | 1.1215298176 |
| Epochs 21 | 0.9497333765 | 1.1215298176 |
| Epochs 22 | 0.9497333765 | 1.1215298176 |
| Epochs 23 | 0.9497333765 | 1.1215298176 |
| Epochs 24 | 0.9497334361 | 1.1215298176 |
| Epochs 25 | 0.9497333765 | 1.1215298176 |
| Epochs 26 | 0.9497334361 | 1.1215298176 |
| Epochs 27 | 0.9497334361 | 1.1215298176 |
| Epochs 28 | 0.9497334361 | 1.1215298176 |
| Epochs 29 | 0.9497334361 | 1.1215298176 |
| Epochs 30 | 0.9497334361 | 1.1215298176 |
| Epochs 31 | 0.9497334361 | 1.1215298176 |
| Epochs 32 | 0.9497334361 | 1.1215298176 |
| Epochs 33 | 0.9497334361 | 1.1215298176 |
| Epochs 34 | 0.9497334361 | 1.1215298176 |
| Epochs 35 | 0.9497334361 | 1.1215298176 |
| Epochs 36 | 0.9497334361 | 1.1215298176 |
| Epochs 37 | 0.9497334361 | 1.1215298176 |
| Epochs 38 | 0.9497334361 | 1.1215298176 |
| Epochs 39 | 0.9497333765 | 1.1215298176 |
| Epochs 40 | 0.9497334361 | 1.1215298176 |
| Epochs 41 | 0.9497334361 | 1.1215298176 |
| Epochs 42 | 0.9497334361 | 1.1215298176 |
| Epochs 43 | 0.9497334361 | 1.1215298176 |
| Epochs 44 | 0.9497334361 | 1.1215298176 |
| Epochs 45 | 0.9497334361 | 1.1215298176 |
| Epochs 46 | 0.9497333169 | 1.1215298176 |
| Epochs 47 | 0.9497333765 | 1.1215298176 |
| Epochs 48 | 0.9497334361 | 1.1215298176 |
| Epochs 49 | 0.9497334361 | 1.1215298176 |
| Epochs 50 | 0.9497333765 | 1.1215298176 |
| Epochs 51 | 0.9497334361 | 1.1215298176 |
| Epochs 52 | 0.9497333765 | 1.1215298176 |
| Epochs 53 | 0.9497334361 | 1.1215298176 |
| Epochs 54 | 0.9497333765 | 1.1215298176 |
| Epochs 55 | 0.9497334361 | 1.1215298176 |
| Epochs 56 | 0.9497334361 | 1.1215298176 |
| Epochs 57 | 0.9497333765 | 1.1215298176 |
| Epochs 58 | 0.9497334361 | 1.1215298176 |
| Epochs 59 | 0.9497333765 | 1.1215298176 |
| Epochs 60 | 0.9497334361 | 1.1215298176 |
| Epochs 61 | 0.9497333765 | 1.1215298176 |
| Epochs 62 | 0.9497333765 | 1.1215298176 |
| Epochs 63 | 0.9497333765 | 1.1215298176 |

| Epoch | Training Loss | Validation Loss |
|---|---|---|
| Epochs 64 | 0.9497334361 | 1.1215298176 |
| Epochs 65 | 0.9497333765 | 1.1215298176 |
| Epochs 66 | 0.9497334361 | 1.1215298176 |
| Epochs 67 | 0.9497334361 | 1.1215298176 |
| Epochs 68 | 0.9497334361 | 1.1215298176 |
| Epochs 69 | 0.9497334361 | 1.1215298176 |
| Epochs 70 | 0.9497333765 | 1.1215298176 |
| Epochs 71 | 0.9497334361 | 1.1215298176 |
| Epochs 72 | 0.9497334361 | 1.1215298176 |
| Epochs 73 | 0.9497334361 | 1.1215298176 |
| Epochs 74 | 0.9497333765 | 1.1215298176 |
| Epochs 75 | 0.9497334361 | 1.1215298176 |
| Epochs 76 | 0.9497334361 | 1.1215298176 |
| Epochs 77 | 0.9497333765 | 1.1215298176 |
| Epochs 78 | 0.9497333765 | 1.1215298176 |
| Epochs 79 | 0.9497334361 | 1.1215298176 |
| Epochs 80 | 0.9497334361 | 1.1215298176 |
| Epochs 81 | 0.9497334361 | 1.1215298176 |
| Epochs 82 | 0.9497334361 | 1.1215298176 |
| Epochs 83 | 0.9497334361 | 1.1215298176 |
| Epochs 84 | 0.9497334361 | 1.1215298176 |
| Epochs 85 | 0.9497334361 | 1.1215298176 |
| Epochs 86 | 0.9497334361 | 1.1215298176 |
| Epochs 87 | 0.9497334361 | 1.1215298176 |
| Epochs 88 | 0.9497334361 | 1.1215298176 |
| Epochs 89 | 0.9497334361 | 1.1215298176 |
| Epochs 90 | 0.9497333765 | 1.1215298176 |
| Epochs 91 | 0.9497334361 | 1.1215298176 |
| Epochs 92 | 0.9497334361 | 1.1215298176 |
| Epochs 93 | 0.9497334361 | 1.1215298176 |
| Epochs 94 | 0.9497334361 | 1.1215298176 |
| Epochs 95 | 0.9497334361 | 1.1215298176 |
| Epochs 96 | 0.9497333765 | 1.1215298176 |
| Epochs 97 | 0.9497334361 | 1.1215298176 |
| Epochs 98 | 0.9497334361 | 1.1215298176 |
| Epochs 99 | 0.9497334361 | 1.1215298176 |
| Epochs 100 | 0.9497334361 | 1.1215298176 |