

# Yelp Review Based Prediction

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# Basics of BOOM

- ▶ Uses RISC-V64G with MAFD extensions
  - ▶ Multiply - Divide
  - ▶ AMOs
  - ▶ load-reserve & store conditional
  - ▶ single & double precision floating point
- ▶ Relaxed memory model
- ▶ Accrued Floating Point Exception Flags
- ▶ No Integer Side Effects
- ▶ No Predication because of overhead in OoO
- ▶ No Implicit Registers or Specifiers
- ▶ No Present Support for RISC-V Vector or Compressed Modes
- ▶ 10 stage pipeline, 6 stages after combining and parallelizing